

2008 Honda Civic LX

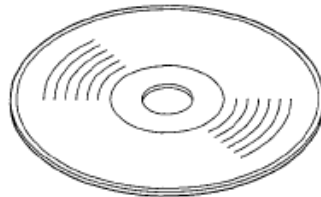
2006-08 ACCESSORIES & EQUIPMENT Audio System - Civic (Except Hybrid)

2006-08 ACCESSORIES & EQUIPMENT

Audio System - Civic (Except Hybrid)

SPECIAL TOOLS

Ref. No.	Tool Number	Description	Qty
①	07AAZ-SDBA100	Diagnostics CD	1
②	07AAZ-SDBA200 (ABEX-TCD-725B)	Skip Test CD	1
③	07AAZ-SDBA300 (ABEX-TCD-721)	Skip Test CD	1



①, ②, ③

Fig. 1: Identifying Special Tools

Courtesy of AMERICAN HONDA MOTOR CO., INC.

COMPONENT LOCATION INDEX

4-door

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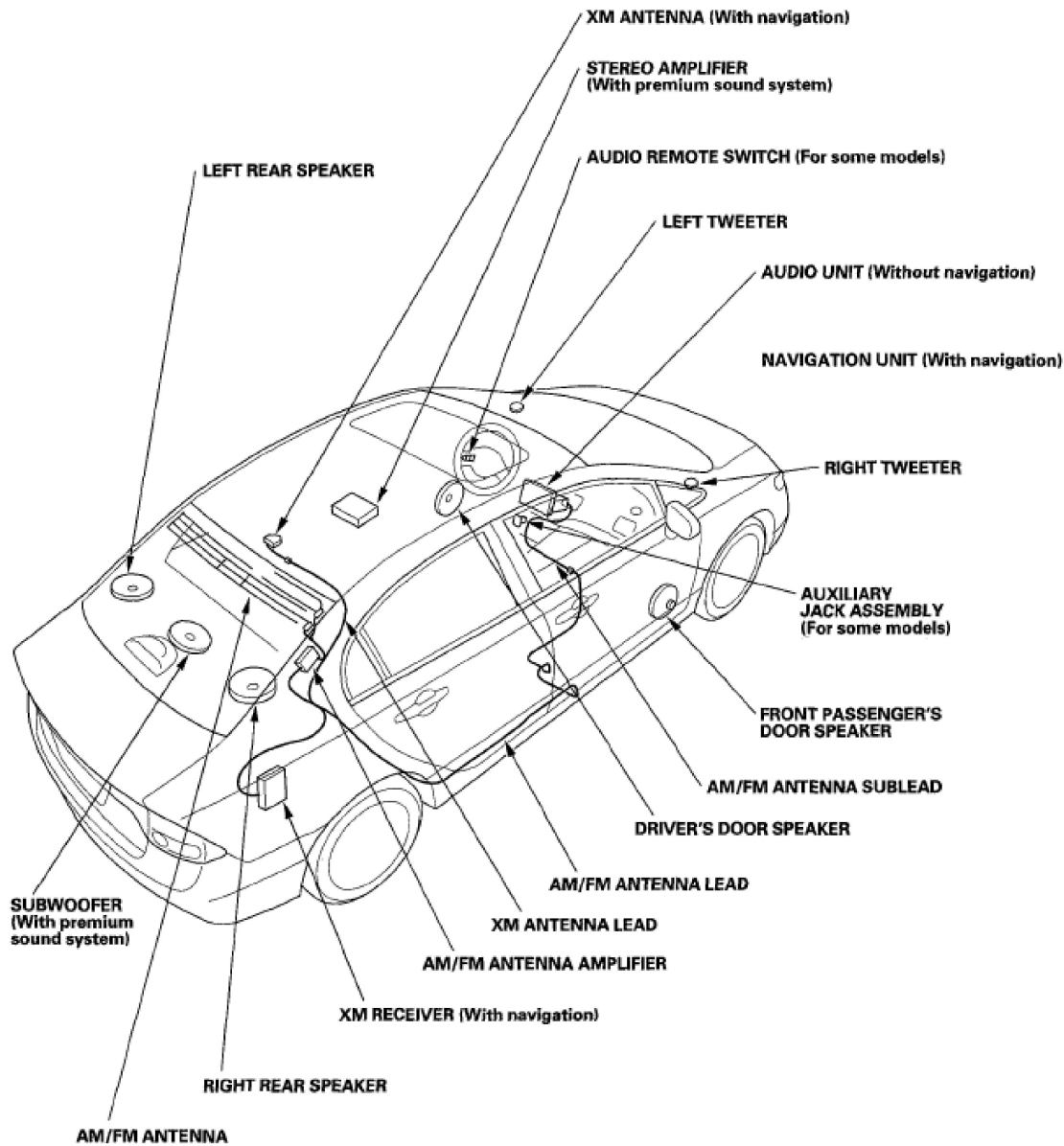


Fig. 2: Audio System Component Location Index (1 Of 2)
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2-door

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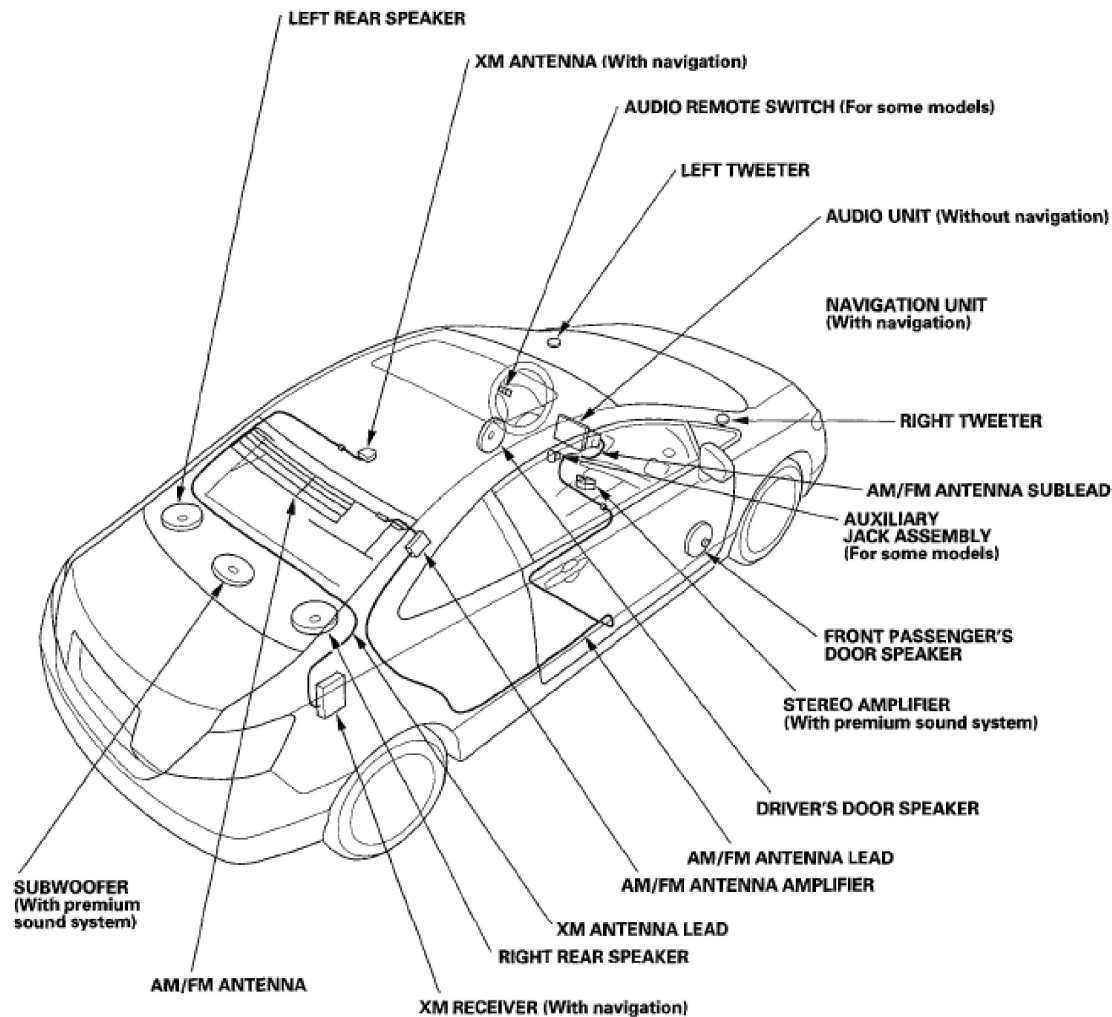


Fig. 3: Audio System Component Location Index (2 Of 2)
Courtesy of AMERICAN HONDA MOTOR CO., INC.

SYMPTOM TROUBLESHOOTING INDEX

SYMPTOM TROUBLESHOOTING INDEX

Symptom	Diagnostic procedure	Also check for
Poor AM or FM radio reception or interference (with	Symptom Troubleshooting (see POOR AM OR FM RADIO RECEPTION OR INTERFERENCE (WITH	AM/FM antenna lead and/or sublead short

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navigation)	NAVIGATION))	or open in the wire
Poor AM or FM radio reception or interference (without navigation)	Symptom Troubleshooting (see POOR AM OR FM RADIO RECEPTION OR INTERFERENCE (WITHOUT NAVIGATION)))	AM/FM antenna lead and/or sublead short or open in the wire
Audio unit power switch will not turn on (No information display and no sound) (with navigation)	Symptom Troubleshooting (see AUDIO UNIT POWER SWITCH WILL NOT TURN ON (NO INFORMATION DISPLAY AND NO SOUND) (WITH NAVIGATION)))	
Audio unit power switch will not turn on (No information display and no sound) (without navigation)	Symptom Troubleshooting (see AUDIO UNIT POWER SWITCH WILL NOT TURN ON (NO INFORMATION DISPLAY AND NO SOUND) (WITHOUT NAVIGATION)))	
Audio unit power will not turn off (with navigation)	Symptom Troubleshooting (see AUDIO UNIT POWER SWITCH WILL NOT TURN OFF (WITH NAVIGATION)))	
Audio unit power will not turn off (without navigation)	Symptom Troubleshooting (see AUDIO UNIT POWER SWITCH WILL NOT TURN OFF (WITHOUT NAVIGATION)))	
No sound is heard from speaker(s) (display is normal) (with navigation)	Symptom Troubleshooting (see AUDIO UNIT POWER SWITCH WILL NOT TURN OFF (WITHOUT NAVIGATION)))	
No sound is heard	Symptom Troubleshooting (see NO SOUND	

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from speaker(s) (display is normal) (without navigation)	IS HEARD FROM SPEAKER(S) (DISPLAY IS NORMAL) (WITHOUT NAVIGATION))	
Auxiliary input sound is low or cannot be heard	Symptom Troubleshooting (see AUXILIARY INPUT SOUND IS LOW OR CANNOT BE HEARD)	
Poor or no sound with XM radio (Navigation unit does display XM channels) (with navigation)	Symptom Troubleshooting (see POOR OR NO SOUND WITH XM RADIO (NAVIGATION UNIT CAN DISPLAY XM CHANNELS) (WITH NAVIGATION))	
XM radio display is blank and no station information is displayed (with navigation)	Symptom Troubleshooting (see XM RADIO DISPLAY IS BLANK AND NO STATION INFORMATION IS DISPLAYED (WITH NAVIGATION))	
Audio system sound is weak or distorted (display is normal)	Symptom Troubleshooting (see AUDIO SYSTEM SOUND IS WEAK OR DISTORTED (DISPLAY IS NORMAL))	
Navigation unit button illumination does not work (with navigation)	Symptom Troubleshooting (see AUDIO SYSTEM SOUND IS WEAK OR DISTORTED (DISPLAY IS NORMAL))	
Audio unit button illumination does not work (without navigation)	Symptom Troubleshooting (see AUDIO UNIT BUTTON ILLUMINATION DOES NOT WORK (WITHOUT NAVIGATION))	
Radio preset memory is lost	Symptom Troubleshooting (see RADIO PRESET MEMORY IS LOST)	Internal error
XM radio preset	Symptom Troubleshooting (see XM RADIO	

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memory is lost (with navigation)	<u>PRESET MEMORY IS LOST (WITH NAVIGATION)</u>	
Error code: XM NO SIGNAL or XM ANTENNA is displayed	Symptom Troubleshooting (see <u>ERROR CODE: XM NO SIGNAL OR XM ANTENNA IS DISPLAYED</u>)	
Audio disc does not eject	Symptom Troubleshooting (see <u>AUDIO DISC DOES NOT EJECT</u>)	
Audio disc does not load	Symptom Troubleshooting (see <u>AUDIO DISC DOES NOT LOAD</u>)	
Radio tuner does not change stations	Symptom Troubleshooting (see <u>AUDIO DISC DOES NOT LOAD</u>)	
Volume does not change	Symptom Troubleshooting (see <u>VOLUME DOES NOT CHANGE</u>)	
Volume does not increase with speed	Symptom Troubleshooting (see <u>VOLUME DOES NOT CHANGE</u>)	
Volume is too high or too low when driving at freeway speeds	Symptom Troubleshooting (see <u>VOLUME IS TOO HIGH OR TOO LOW WHEN DRIVING AT FREEWAY SPEEDS</u>)	
Display does not dim or brighten with dimmer (without navigation)	Symptom Troubleshooting (see <u>DISPLAY DOES NOT DIM OR BRIGHTEN WITH DIMMER (WITHOUT NAVIGATION)</u>)	
Audio disc does not play	Symptom Troubleshooting (see <u>AUDIO DISC DOES NOT PLAY</u>)	
Audio disc skips	Symptom Troubleshooting (see <u>AUDIO DISC DOES NOT PLAY</u>)	Tire pressure (over- inflated), disc smudged, dirty, or

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		scratched
Audio remote switch does not work properly	Symptom Troubleshooting (see <u>AUDIO REMOTE SWITCH DOES NOT WORK PROPERLY</u>)	
Audio disc cannot be inserted and/or ejected (with navigation)	Symptom Troubleshooting (see <u>AUDIO DISC CANNOT BE INSERTED AND/OR EJECTED (WITH NAVIGATION)</u>)	
Display can be opened and/or closed even when an audio disc is being inserted or ejected	Replace the navigation unit (see <u>NAVIGATION UNIT REMOVAL/INSTALLATION</u>)	
PC card will not play/card icon on audio screen cannot be selected (with navigation)	Symptom Troubleshooting (see <u>AUDIO DISC CANNOT BE INSERTED AND/OR EJECTED (WITH NAVIGATION)</u>)	

SYSTEM DESCRIPTION

OVERVIEW

The audio unit acts as the processor for all audio functions. Select audio functions from the audio unit, the audio remote,(on the steering wheel), or by using the navigation voice control system. The audio display provides the current audio status. For vehicles with navigation, additional audio information is available by touching the audio button on the navigation audio screen. (See the owner's manual and the navigation system manual for more details.)

The XM receiver passes its signal to the audio unit. In addition, it communicates with the audio unit via the GA-Net bus. Any open connections in the GA-Net bus circuit causes audio and navigation functions to appear inoperative.

For vehicles with navigation, pressing the open/close switch on the navigation

display panel allows access to the CD slot and PC card.

A security signal is daisy-chained between the audio and vehicle components for integration into the vehicle's security system.

Speed-sensitive volume compensation (SVC)

Some audio systems are equipped with speed-sensitive volume compensation (SVC). The navigation or audio unit receives the vehicle speed pulse (VSP) from the ECM/PCM. The system processes the speed input and increases the navigation or audio system volume level as the vehicle speed increases to compensate for the various interior noises that occur at higher speeds. When the vehicle slows down, the volume returns to its normal level. The SVC has four settings: SVC OFF, LOW, MID and HIGH that can be adjusted using the navigation or audio unit. The SVC comes from the factory with the MID setting as the default.

To change the audio unit SVC setting, press the tune folder sound knob repeatedly until the SVC is displayed, rotate the knob to adjust the SVC to the desired setting (SVC OFF, LOW, MID, or HIGH).

To change the navigation unit SVC setting, press the AUDIO button, and then select the SOUND icon on the navigation display. Press the navigation display to select the desired setting (OFF, LOW, MID, HI).

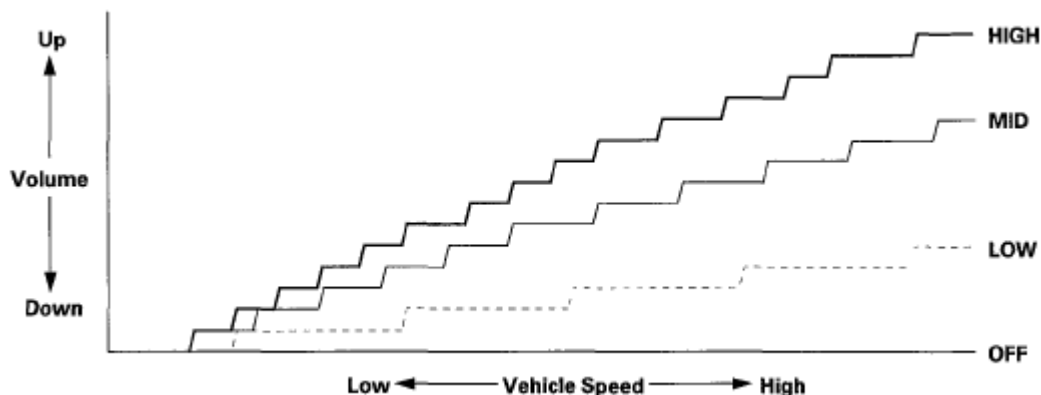


Fig. 4: Speed-Sensitive Volume Compensation (SVC) Graph
Courtesy of AMERICAN HONDA MOTOR CO., INC.

The navigation system allows voice control of the audio, XM, PC card, and CD

player. Voice control commands are communicated on the GA-Net (audio unit). When using the TALK/BACK button, the audio is muted on all speakers and you get navigation sound on the front channels. When using the navigation or route guidance (RG), the front speakers give the navigation sound and the rear speakers continue to play. For more information, see the **NAVIGATION SYSTEM (EXCEPT HYBRID)** article. The outline of the interruption function is shown in this table.

AUDIO OUTPUT AND CONTENTS REFERENCE

Contents	Audio output				
	Left front CH	Right front CH	Right rear CH	Left rear CH	Subwoofer CH
TALK/BACK Buttons	Navigation voice output	Navigation voice output	Muted	Muted	Muted
Route guidance	Navigation voice output	Navigation voice output	Audio	Audio	Audio

GA-NET BUS CONFIGURATION

The GA-Net bus passes audio and navigation commands throughout the navigation and audio components. These commands include navigation touch screen and hard button signals, audio/XM selections by voice, and XM station and music title names. Because the entire bus is daisy chained between components (see diagram), any open or short in the GA-Net bus harness will cause any or all of these functions to become inoperative. Naturally the addition of any audio accessory must maintain the continuity of the GA-Net bus by installing the Y cable included with the accessory kit.

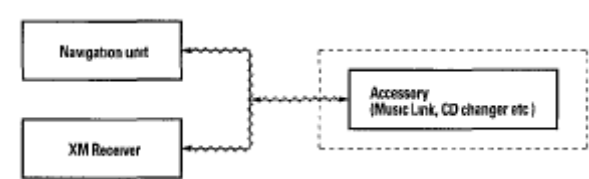


Fig. 5: Audio System - Circuit Diagram (Navigation Unit, XM Receiver And Music Link, CD Changer)

Courtesy of AMERICAN HONDA MOTOR CO., INC.

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With navigation

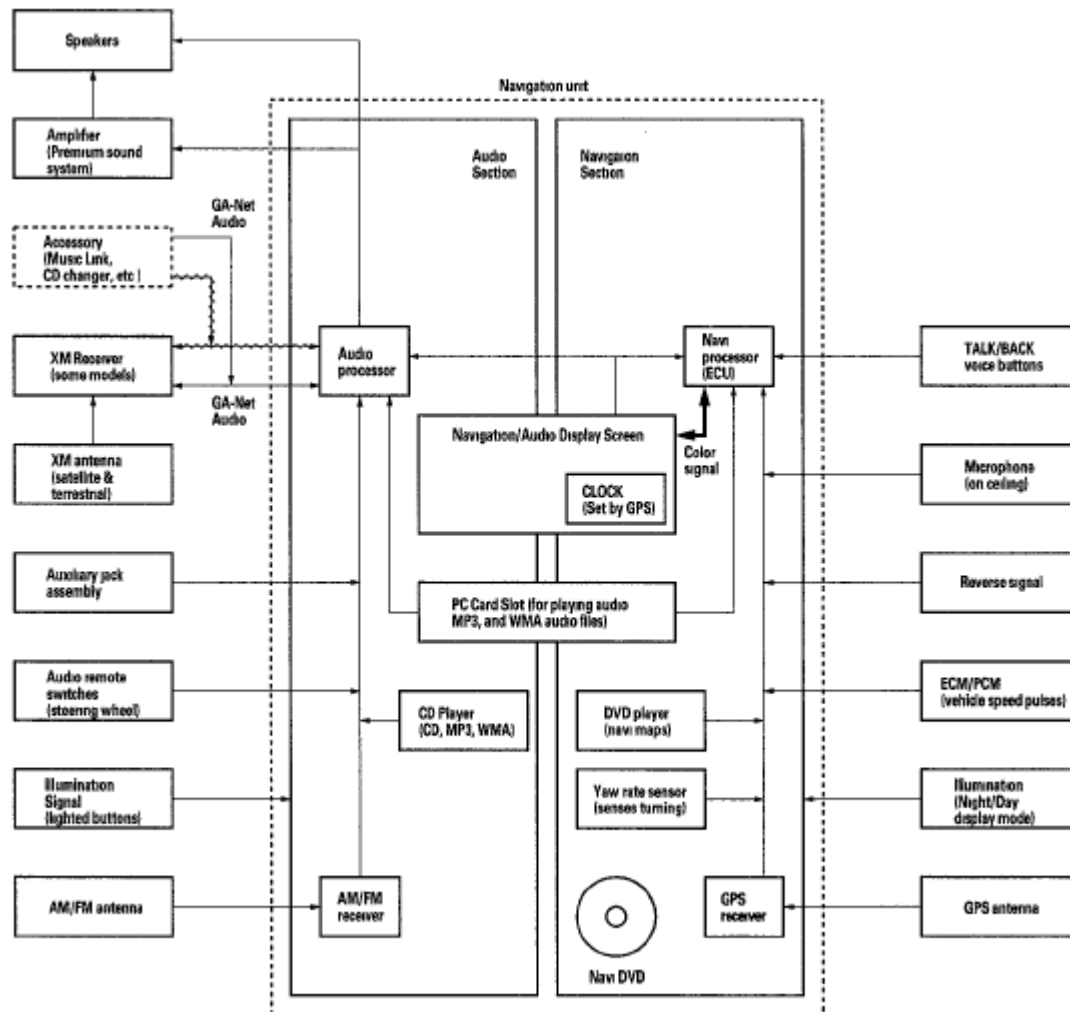


Fig. 6: Audio System - Circuit Diagram (With Navigation)
Courtesy of AMERICAN HONDA MOTOR CO., INC.

NOTE: All items may not apply to this vehicle. See the Owner's Manual for more information.

Audio Glossary

ITEM DEFINITION

Item	Definition
Active Noise	The active noise control system cancels some of the vehicle noise. This occurs in the 1,500-2,400 rpm range.

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Control	Microphones detect the low frequency sound, and the system outputs a canceling sound from the audio speaker.
AM (Amplitude Modulation)	The type of transmission used in the standard radio broadcast band from 530 to 1705 kHz.
Amplifier	A device that increases the level of a signal by increasing the current or voltage.
Antenna	A device used to send or receive electromagnetic waves through the air.
ATA (PC Card)	A type of card that has been tested for use in playing WMA, and MP3 music files in the PC card slot. Sizes of up to 1 GB have been tested.
Auxiliary jack	Allows the customer to use a portable audio device to input music recordings.
Balance	A control that changes the relative volume of the left and right channels.
Band	A range of frequencies between two definite limits. Bands are assigned by the Federal Communications Commission for specific uses.
Bass	An adjustment for the low frequency sounds of around 160 Hz and below.
Byte	A unit of storage for computer files and memory. A CD holds approximately 700 million bytes.
Cassette	Audio or video magnetic tape container having two reels. Customers can insert it for recording or play back.
Compact Flash	A standard for small-size (3x4 cm), memory cards used in mobile computers, PDAs, digital cameras. Compact flash memory cards are available in size of 32 MB up to 4 GB or more and can be played in the audio PC slot. Sizes above 1 GB has not been tested.
CD (Compact Disc)	A 4.5-inch plastic disc containing digital audio recording that is played optically on a laser equipped player. Never use discs with a paper label. In a hot car, labels can curl up and jam the unit.
	CD player that can store and play more than one CD. Two

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CD Changer	types are available. Some units accept CDs fed into the changer one at a time, and others accept a magazine (with CD's stacked in a container).
CD player	A component designed to play compact disc CD recording using a laser optical pickup. The signal from a CD player usually requires amplification.
Distortion	Inexact reproduction of an audio signal caused by playing music at levels the audio system cannot handle.
Dolby (noise reduction)	A processing system developed by Dolby Laboratories that reduces the background noise on recording media. The result is a clearer playback from the audio system.
DVD (Digital Versatile Disc)	A 4.5-inch CD-like format used for storing movies with digital audio and video features. The DVD-A format is a DVD format designed for DVD audio systems. Some vehicles can play DVD and DVD-A formats.
Equalizer	A device that changes the relative volume of individual frequency bands to suit personal tastes of the listener.
Fader	The control that adjusts the relative volume levels of front and rear speakers in a four-speaker system.
Format	To prepare a PC card to receive files, this function is performed on a PC. Always choose either FAT or FAT32 as the NTFS format is not accepted by the system. Pick the default sectors for the format method selected.
FM (Frequency Modulation)	The modulation used for radio and television sound transmission in most of the world. Less prone to interference than AM. The FM broadcast band covers roughly 87 to 108 MHz.
GA-NET	A data connection between the display panel, the navigation unit, and the audio system. The information passed on this bus are touch screen button commands, and audio and climate control settings directed by the navigation unit.
GB (Gigabyte)	A unit of memory or disk storage equal to billion bytes (1000 million bytes).

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HDD	Abbreviation for hard disc drive. They are sensitive to heat and it is not recommended that they be used in the PC card slot for playing audio files.
Hertz (HZ)	The unit of frequency equal to one cycle per second (cps). One kilohertz (kHz) equals 1,000 cps; one megahertz (MHz) equals 1 million cps.
Integrated Amplifier	A component that combines a pre amp and a power amp into a single unit. A receiver combines an integrated amp and a tuner into a single unit.
Jewel Case	The hard plastic case that contains a compact disc or DVD. Always use a jewel case to prevent scratches on the underside of a CD or DVD.
LCD (Liquid Crystal Display)	A type of digital display that changes reflectance or transmittance when an electrical field is applied to it.
Memory	Circuitry or devices that hold information in electrical or magnetic form such as the AM/FM radio presets.
MB (Megabyte)	One million bytes. Written as 1 MB. Megabytes are used as a measure of digital storage space. For example, a CD can hold 650 MB.
Mic	An abbreviation for microphone. For vehicles with navigation, the microphone accepts navigation voice commands to control audio and navigation functions.
MP3 music files	MP3 is an audio coding format. MP3 is a popular audio compression format on the Internet and computers. CDs, and PC card with these files can be played on some vehicle's audio system.
Mute	When the navigation gives guidance, the front speakers are muted (no music). When you use the voice control system, all of the speakers are muted.
Noise	Unwanted random sounds like buzzing, hiss, pops, static, whine, etc.
PC Card	The slot used for playing MP3 and WMA music files. The PC card is usually a combination of a small flash card in a PCMCIA adaptor that slides into the slot. The ATA, SD,

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	and compact flash types of cards have been tested up to 1 GB.
PCMCIA	A computer standard for the slot that the PC card slides into. Another term for the PC card slot.
Processor	The part of an audio device that performs task/calculations. In the audio unit, the processor handles muting to allow the navi to speak voice commands, and the decoding/playback of the sound files etc.
Radio	A head unit that combines a tuner, a preamplifier, and often a power-amplifier.
Audio Remote switch	The switches on the steering wheel that control the audio system.
SCF (Cold Start Fix) screens	These screens are displayed if the system requires a GPS initialization. The vehicle should be moved outside into an open area away from buildings/power lines.
Stereo	A recording of at least two channels where you can hear sound or music from the left or right side.
SD (Secure Digital) card	This compact type of memory card allows for fast data transfer and has built-in security functions. SD cards have a small write-protection switch on the side.
Shield	A metallic foil or braided wire layer surrounding conductors which are designed to prevent electrostatic or electromagnetic interference (noise) from external sources such as buzzing, or popping sounds heard on the speakers.
Speaker (Loudspeaker)	A device that converts electrical energy into acoustical energy (sound).
Speed-sensitive volume compensation (SVC)	The SVC increases the audio volume to compensate for increased interior noise when the vehicle drives at freeway speeds.
Subwoofer	A loudspeaker made to reproduce the lowest audio frequencies, approx 25 Hz to 125 Hz.
Track	A sound recording on a CD, tape, or PC card.
	An adjustment to control the volume of the high frequency

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Treble	sounds.
Tuner	A component (or part of a component) that receives radio signals and selects one broadcast from many.
Tweeter	A speaker designed to reproduce the higher frequencies (treble) only.
Voice Coil	A coil of wire wrapped around a tube and then attached to the speaker cone or diaphragm. When an audio signal is applied, the coil becomes an electromagnet and interacts with the permanent magnet causing the cone or diaphragm to vibrate. We interpret this vibration as sound.
Volume Control	Allows you to control the loudness of the music.
WMA music file	Windows Media Audio File. This is an accepted format for music files to be played on either a CD or a PC card.
Woofer	A speaker that is designed to reproduce bass frequencies only.
XM Radio	Satellite based radio transmission, which also uses a ground based repeater network to ensure seamless reception. The channels originate from XM's broadcast center, in Washington, DC, and uplink to two satellites. These satellites transmit the signal across the entire continental United States.
XM Receiver	The external component that receives and processes the XM signals from the XM satellites, and terrestrial (land) stations. The audio unit communicates to the XM receiver over the GA-Net bus.

AUDIO UNIT CONNECTOR FOR INPUTS AND OUTPUTS

With navigation (Navigation unit)

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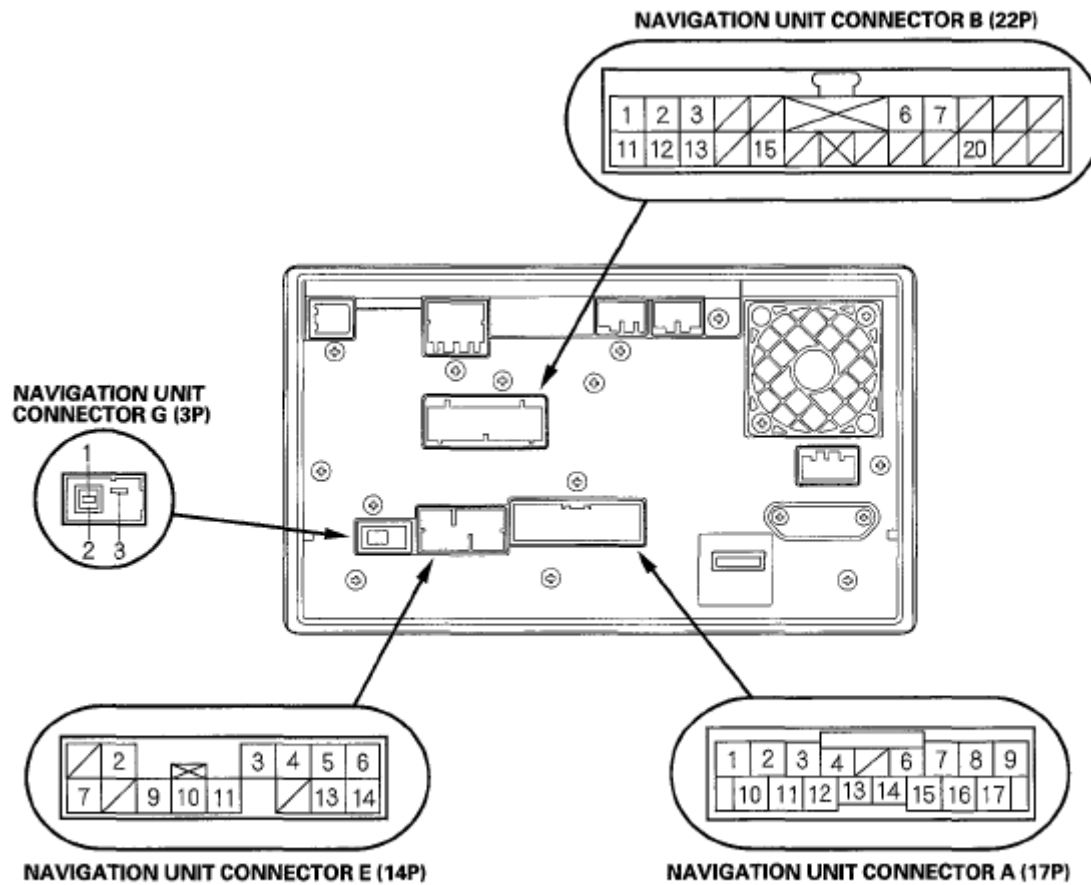


Fig. 7: Identifying Audio Unit For Inputs And Outputs Connector Terminals (With Navigation)

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Without navigation/Without premium sound system

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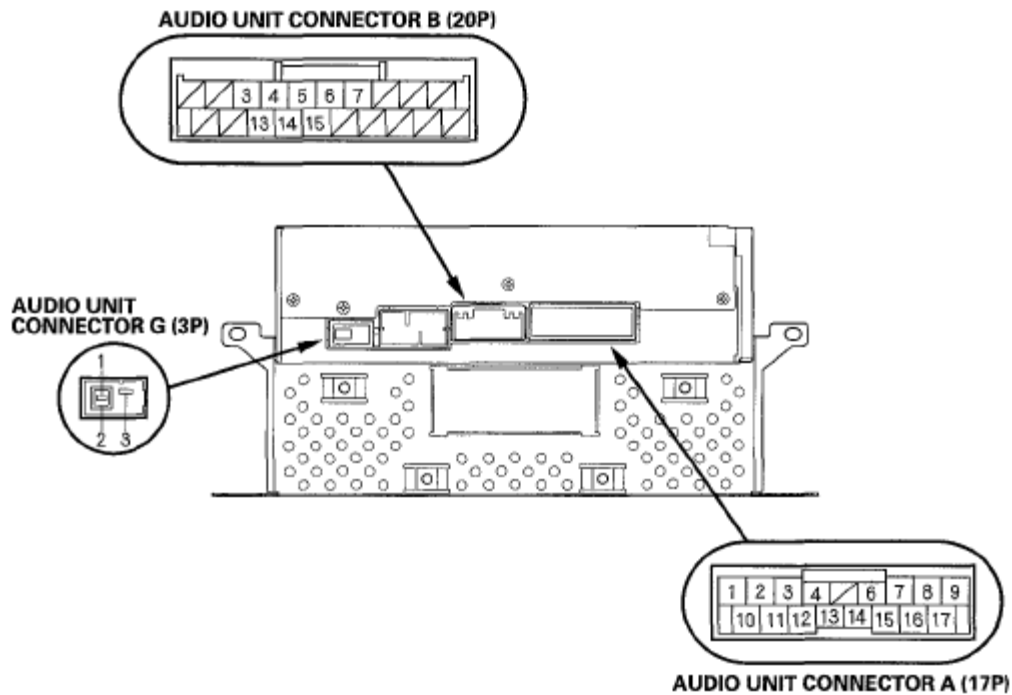


Fig. 8: Identifying Audio Unit For Inputs And Outputs Connector Terminals
(Without Navigation/Without Premium Sound System)
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Without navigation/With premium sound system

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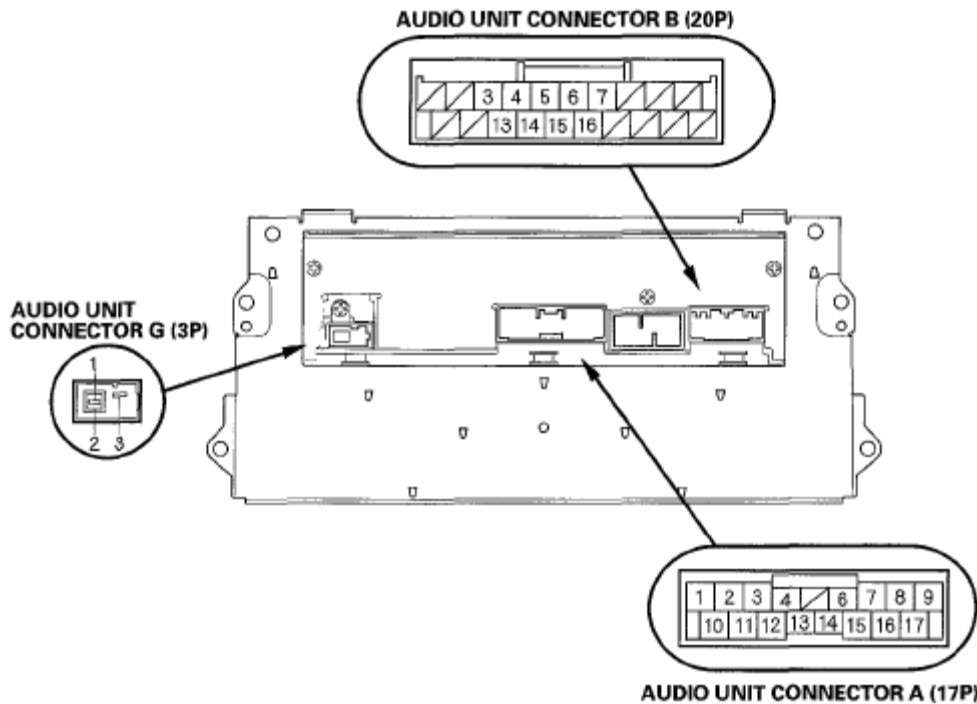


**Fig. 9: Identifying Audio Unit For Inputs And Outputs Connector Terminals
(Without Navigation/With Premium Sound System)**
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Navigation Unit/Audio Unit Connector A (17P)

(2-door with premium audio system)

CAVITY AND WIRE SPECIFICATION

Cavity	Wire	Connect to
A1	RED	Dash lights brightness controller
A2	WHT	Stereo amplifier (RL SIG-)
A3	ORN	Stereo amplifier (FL SIG-)
A4	GRN	Multiplex integrated control unit (MICU) (SCTY RADIO)
A6	LT BLU	Multiplex integrated control unit (MICU) (K-LINE)
A7	RED	Stereo amplifier (FR SIG-)
A8	YEL	Stereo amplifier (RR SIG-)
A9	BLK	Ground (G505)
A10	GRY	Lights-on signal

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A11	BLK	Stereo amplifier (RL SIG+)
A12	BLU	Stereo amplifier (FL SIG+)
A13	BLU	ECM/PCM (VSP)
A14	PUR	Multiplex integrated control unit (MICU) (ACC RADIO)
A15	GRN	Stereo amplifier (FR SIG+)
A16	BRN	Stereo amplifier (FR SIG+)
A17	WHT	Multiplex integrated control unit (MICU) (+B BACK UP)

Navigation Unit/Audio Unit Connector A (17P)**('07-08 4-door with premium audio system)****CAVITY AND WIRE SPECIFICATION**

Cavity	Wire	Connect to
A1	RED	Dash lights brightness controller
A2	WHT	Stereo amplifier (RL SIG-)
A3	RED	Stereo amplifier (FL SIG-)
A4	GRN	Multiplex integrated control unit (MICU) (SCTY RADIO)
A6	LT BLU	Multiplex integrated control unit (MICU) (K-LINE)
A7	PNK	Stereo amplifier (FR SIG-)
A8	PUR	Stereo amplifier (RR SIG-)
A9	BLK	Ground (G505)
A10	GRY	Lights-on signal
A11	BLK	Stereo amplifier (RL SIG+)
A12	BLU	Stereo amplifier (FL SIG+)
A13	BLU	ECM/PCM (VSP)
A14	PUR	Multiplex integrated control unit (MICU) (ACC RADIO)
A15	BLU	Stereo amplifier (FR SIG+)
A16	LT GRN	Stereo amplifier (FR SIG+)
A17	WHT	Multiplex integrated control unit (MICU) (+B BACK UP)

Audio Unit Connector A (17P)

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(Without premium sound system)**CAVITY AND WIRE SPECIFICATION**

Cavity	Wire	Connect to
A1	RED	Dash lights brightness controller
A2	BRN	Left rear speaker (-)
A3	PNK	Driver's door speaker (-), Left tweeter (-)
A4	GRN	Multiplex integrated control unit (MICU) (SCTY RADIO)
A6	LT BLU	Multiplex integrated control unit (MICU) (K-LINE)
A7	BRN	Front passenger's door speaker (-), Right tweeter (-)
A8	ORN	Right rear speaker (-)
A9	BLK	Ground (G505)
A10	GRY	Lights-on signal
A11	YEL	Left rear speaker (+)
A12>	LT GRN	Driver's door speaker (+), Left tweeter (+)
A13	BLU	ECM/PCM (VSP)
A14	PUR	Multiplex integrated control unit (MICU) (ACC RADIO)
A15	GRY	Front passenger's door speaker (+), Right tweeter (+)
A16	BLU	Right rear speaker (+)
A17	WHT	Multiplex integrated control unit (MICU) (+B BACK UP)

Audio Unit Connector A (20P)**(Without Audio)****CAVITY AND WIRE SPECIFICATION**

Cavity	Wire	Connect to
A2	PUR	Multiplex integrated control unit (MICU) (ACC RADIO)
A5	BLU	Right rear speaker (+)
A6	YEL	Left rear speaker (+)
A7	GRY	Front passenger's door speaker (+)
A8	LT GRN	Driver's door speaker (+), Left tweeter (+)
A9	GRY	Lights-on signal

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A10	WHT	Multiplex integrated control unit (MICU) (+B BACK UP)
A15	ORN	Right rear speaker (-)
A16	BRN	Left rear speaker (-)
A17	BRN	Front passenger's door speaker (-)
A18	PNK	Driver's door speaker (-), Left tweeter (-)
A19	RED	Dash lights brightness controller
A20	BLK	Ground (G505)

Navigation Unit Connector B (22P)**(With navigation)****CAVITY AND WIRE SPECIFICATION**

Cavity	Wire	Connect to
B1	BRN	Auxiliary jack assembly (AUX SGND)
B2	GRY ⁽¹⁾	Shield for terminals No. 1, No. 3, No. 11, No. 12, and No. 13 (AUX SHIELD GND)
B3	BLU	Auxiliary jack assembly (AUX GND)
B6	BRN	Audio remote switch (AUDIO REMOTE GND)
B7	PNK	Audio remote switch (AUDIO REMOTE SW)
B11	YEL	Auxiliary jack assembly (AUX L)
B12	GRN	Auxiliary jack assembly (AUX R)
B13	WHT	Auxiliary jack assembly (AUX DET)
B15	BLK	Ground (G501)
B20 ⁽²⁾	LT BLU	Stereo amplifier (AMP ON)

(1) The shielded wires have a heat-shrunk tube insulating the outside of the wire. The color of the insulating tube, typically black or dark gray, may not match the color of the wire listed on the schematic.

(2) With premium sound system

Audio Unit Connector B (20P)**(Without navigation)**

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CAVITY AND WIRE SPECIFICATION

Cavity	Wire	Connect to
B3	BRN	Auxiliary jack assembly (AUX SGND)
B4	GRY ⁽¹⁾	Shield for terminals No. 3, No. 5, No. 13, No. 14, and No. 15 (AUX SHILD GND)
B5	BLU	Auxiliary jack assembly (AUX GND)
B6	BRN	Audio remote switch (AUDIO REMOTE GND)
B7	PNK	Audio remote switch (AUDIO REMOTE SW)
B13	YEL	Auxiliary jack assembly (AUX L)
B14	GRN	Auxiliary jack assembly (AUX R)
B15	WHT	Auxiliary jack assembly (AUX DET)
B16 ⁽²⁾	LT BLU	Stereo amplifier (AMP ON)
(1) The shielded wires have a heat-shrunk tube insulating the outside of the wire. The color of the insulating tube, typically black or dark gray, may not match the color of the wire listed on the schematic.		
(2) With premium sound system		

Navigation Unit Connector E (14P)**(Navigation with XM)****CAVITY AND WIRE SPECIFICATION**

Cavity	Wire	Connect to
E2	LT BLU	XM receiver (SAT SYS ACC)
E3	BRN ⁽¹⁾	Shield for terminals No. 9 and No. 10 (BUS SHIELD GND)
E4	GRY ⁽¹⁾	Shield for terminals No. 5, No. 6, No. 13, and No. 14 (SAT SHIELD GND)
E5	WHT	XM receiver (SAT R+)
E6	RED	XM receiver (SAT L+)
E7	BLU	XM receiver (+B)
E9	BLU	XM receiver (SAT BUS+ (GA-NET))

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E10	PNK	XM receiver (SAT BUS- (GA-NET))
E11	BLK	XM receiver (GND)
E13	BLK	XM receiver (SAT R-)
E14	GRN	XM receiver (SAT L-)
(1) The shielded wires have a heat-shrunk tube insulating the outside of the wire. The color of the insulating tube, typically black or dark gray, may not match the color of the wire listed on the schematic.		

Audio Unit/Navigation Unit Connector G (3P)

(All models)

CAVITY AND WIRE SPECIFICATION

Cavity	Wire	Connect to
G1	-	AM/FM antenna amplifier (SIG)
G2	-	AM/FM antenna amplifier (SH (AM/FM))
G3	-	AM/FM antenna amplifier (ANT + B)

STEREO AMPLIFIER CONNECTOR FOR INPUTS AND OUTPUTS (2-DOOR WITH PREMIUM SOUND SYSTEM)

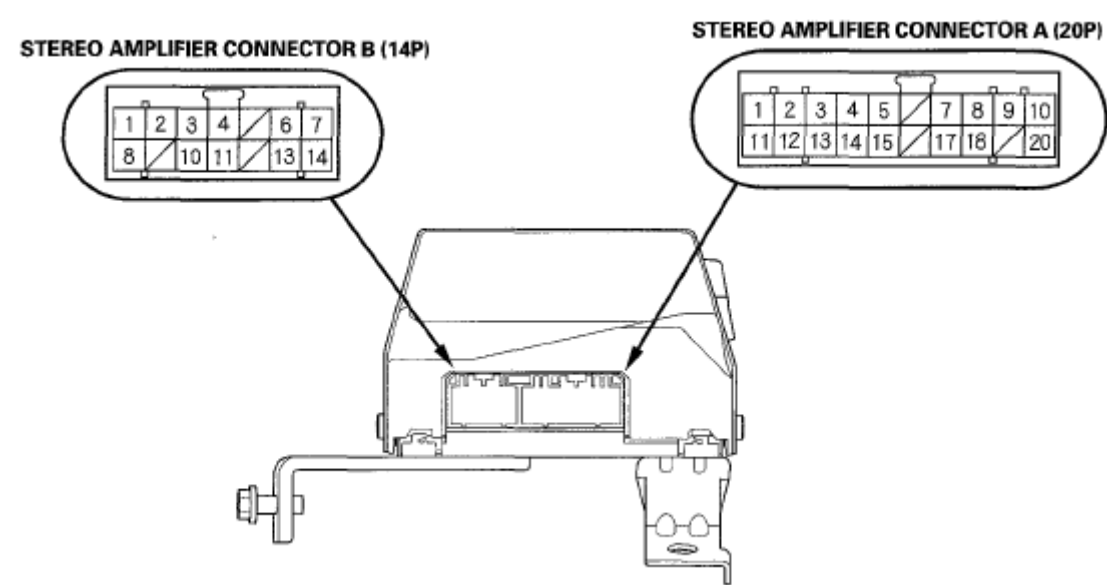


Fig. 10: Identifying Stereo Amplifier For Inputs And Outputs Connector Terminals (2-Door With Premium Sound System)

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2006-08 ACCESSORIES & EQUIPMENT Audio System - Civic (Except Hybrid)

Courtesy of AMERICAN HONDA MOTOR CO., INC.**Stereo Amplifier Connector A (20P)****CAVITY AND WIRE SPECIFICATION**

Cavity	Wire	Connect to
A1	PNK	Right tweeter (+)
A2	GRY	Front passenger's door speaker (+)
A3	LT GRN	Driver's door speaker (+)
A4	RED	Left tweeter (+)
A5	GRN	Subwoofer (+)
A7	BLU	Right rear speaker (+)
A8	YEL	Left rear speaker (+)
A9	PUR	Multiplex integrated control unit (MICU) (ACC RADIO)
A10	LT GRN	+B (Main stereo power supply)
A11	BLU	Right tweeter (-)
A12	BRN	Front passenger's door speaker (-)
A13	PNK	Driver's door speaker (-)
A14	GRN	Left tweeter (-)
A15	RED	Subwoofer (-)
A17	ORN	Right rear speaker (-)
A18	BRN	Left rear speaker (-)
A20	BLK	Ground (G505)

Stereo Amplifier Connector B (14P)**(With navigation)****CAVITY AND WIRE SPECIFICATION**

Cavity	Wire	Connect to
B1	BLU	Navigation unit (FL SIG+)
B2	GRY ⁽¹⁾	Shield for terminals No. 1, No. 3, No. 4, No. 6, No. 8, No. 10, and No. 13 (SIG SHIELD)
B3	BLK	Navigation unit (RL SIG+)

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B4	GRN	Navigation unit (FR SIG+)
B6	BRN	Navigation unit (RR SIG+)
B7	LT BLU	Navigation unit (AMP ON)
B8	ORN	Navigation unit (FL SIG-)
B10	WHT	Navigation unit (RL SIG-)
B11	RED	Navigation unit (FR SIG-)
B13	YEL	Navigation unit (RR SIG-)
B14 ⁽²⁾	BLK	Ground (G505)
(1) The shielded wires have a heat-shrunk tube insulating the outside of the wire. The color of the insulating tube, typically black or dark gray, may not match the color of the wire listed on the schematic.		
(2) '06 model		

Stereo Amplifier Connector B (14P)**(Without navigation)****CAVITY AND WIRE SPECIFICATION**

Cavity	Wire	Connect to
B1	BLU	Audio unit (FL SIG+)
B2	GRY ⁽¹⁾	Shield for terminals No. 1, No. 3, No. 4, No. 6, No. 8, No. 10, and No. 13 (SIG SHIELD)
B3	BLK	Audio unit (RL SIG+)
B4	GRN	Audio unit (FR SIG+)
B6	BRN	Audio unit (RR SIG+)
B7	LT BLU	Audio unit (AMP ON)
B8	ORN	Audio unit (FL SIG-)
B10	WHT	Audio unit (RL SIG-)
B11	RED	Audio unit (FR SIG-)
B13	YEL	Audio unit (RR SIG-)
B14 ⁽²⁾	BLK	Ground (G505)

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- (1) The shielded wires have a heat-shrunk tube insulating the outside of the wire. The color of the insulating tube, typically black or dark gray, may not match the color of the wire listed on the schematic.
- (2) '06 model

STEREO AMPLIFIER CONNECTOR FOR INPUTS AND OUTPUTS ('07-08 4-DOOR WITH PREMIUM SOUND SYSTEM)

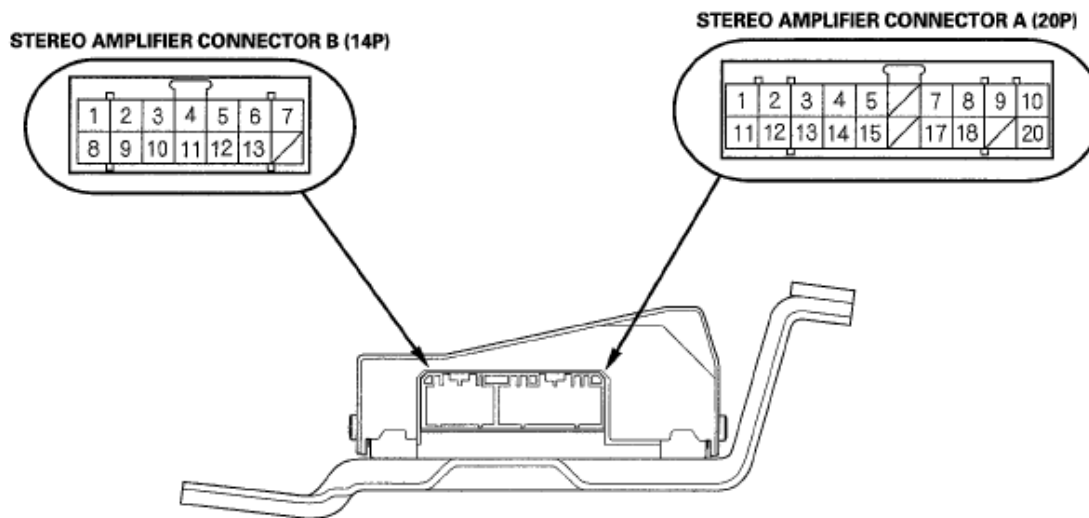


Fig. 11: Identifying Stereo Amplifier For Inputs And Outputs Connector Terminals ('07-08 4-Door With Premium Sound System)

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Stereo Amplifier Connector A (20P)

CAVITY AND WIRE SPECIFICATION

Cavity	Wire	Connect to
A1	PNK	Right tweeter (+)
A2	GRY	Front passenger's door speaker (+)
A3	LT GRN	Driver's door speaker (+)
A4	RED	Left tweeter (+)
A5	GRN	Subwoofer (+)
A7	BLU	Right rear speaker (+)
A8	GRY	Left rear speaker (+)

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A9	PUR	Multiplex integrated control unit (MICU) (ACC RADIO)
A10	LT GRN	+B (Main stereo power supply)
A11	BLU	Right tweeter (-)
A12	BRN	Front passenger's door speaker (-)
A13	PNK	Driver's door speaker (-)
A14	GRN	Left tweeter (-)
A15	RED	Subwoofer (-)
A17	ORN	Right rear speaker (-)
A18	BRN	Left rear speaker (-)
A20	BLK	Ground (G601)

Stereo Amplifier Connector B (14P)**(With navigation)****CAVITY AND WIRE SPECIFICATION**

Cavity	Wire	Connect to
B1	BLU	Navigation unit (FL SIG+)
B2	BRN ⁽¹⁾	Shield for terminals No. 1 and No. 8 (FL SHIELD GND)
B3	BLK	Navigation unit (RL SIG+)
B4	BLU	Navigation unit (FR SIG+)
B5	GRY ⁽¹⁾	Shield for terminals No. 4 and No. 11 (FR SHIELD GND)
B6	LT GRN	Navigation unit (RR SIG+)
B7	LT BLU	Navigation unit (AMP ON)
B8	RED	Navigation unit (FL SIG-)
B9	GRN ⁽¹⁾	Shield for terminals No. 3 and No. 10 (RL SHIELD GND)
B10	WHT	Navigation unit (RL SIG-)
B11	PNK	Navigation unit (FR SIG-)
B12	YEL ⁽¹⁾	Shield for terminals No. 6 and No. 13 (RR SHIELD GND)

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B13	PUR	Navigation unit (RR SIG-)
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(1) The shielded wires have a heat-shrunk tube insulating the outside of the wire. The color of the insulating tube, typically black or dark gray, may not match the color of the wire listed on the schematic.

Stereo Amplifier Connector B (14P)**(Without navigation)****CAVITY AND WIRE SPECIFICATION**

Cavity	Wire	Connect to
B1	BLU	Audio unit (FL SIG+)
B2	BRN ⁽¹⁾	Shield for terminals No. 1 and No. 8 (FL SHIELD GND)
B3	BLK	Audio unit (RL SIG+)
B4	BLU	Audio unit (FR SIG+)
B5	GRY ⁽¹⁾	Shield for terminals No. 4 and No. 11 (FR SHIELD GND)
B6	LT GRN	Audio unit (RR SIG+)
B7	LT BLU	Audio unit (AMP ON)
B8	RED	Audio unit (FL SIG-)
B9	GRN ⁽¹⁾	Shield for terminals No. 3 and No. 10 (RL SHIELD GND)
B10	WHT	Audio unit (RL SIG-)
B11	PNK	Audio unit (FR SIG-)
B12	YEL ⁽¹⁾	Shield for terminals No. 6 and No. 13 (RR SHIELD GND)
B13	PUR	Audio unit (RR SIG-)

(1) The shielded wires have a heat-shrunk tube insulating the outside of the wire. The color of the insulating tube, typically black or dark gray, may not match the color of the wire listed on the schematic.

XM RECEIVER CONNECTOR FOR INPUTS AND OUTPUTS ('06-08 2-DOOR WITH NAVIGATION AND '07-08 4-DOOR WITH NAVIGATION)

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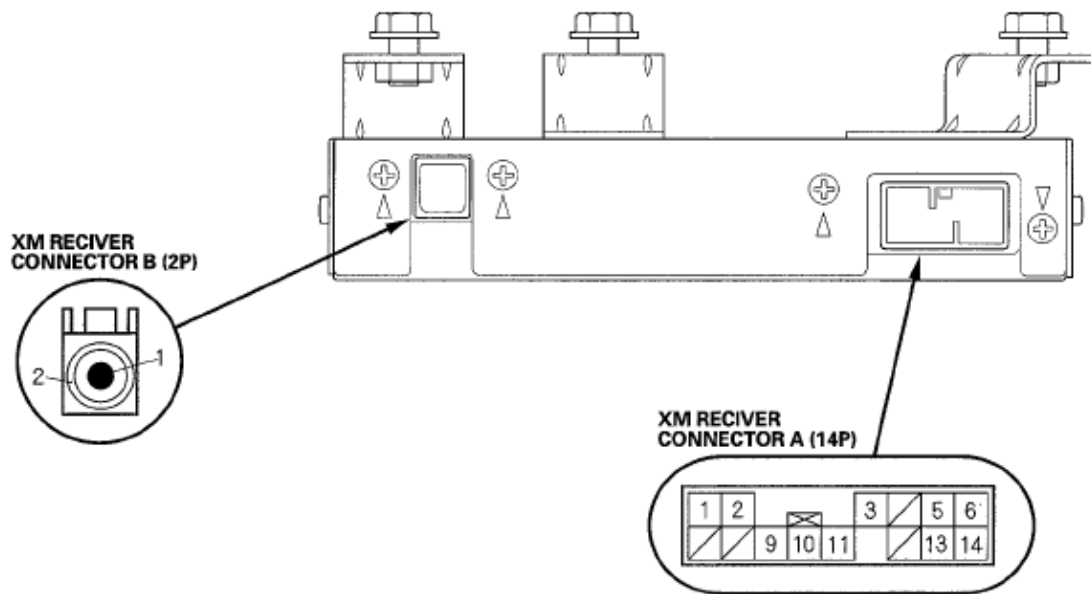


Fig. 12: Identifying XM Receiver For Inputs And Outputs Connector Terminals ('06-08 2-Door With Navigation)

Courtesy of AMERICAN HONDA MOTOR CO., INC.

XM Receiver Connector A (14P)

CAVITY AND WIRE SPECIFICATION

Cavity	Wire	Connect to
A1	BLU	Navigation unit (+B)
A2	LT BLU	Navigation unit (SAT SYS ACC)
A3 ⁽²⁾	BRN ⁽¹⁾	Shield for terminals No. 9 and No. 10 (BUS SHIELD GND)
A5	WHT	Navigation unit (SAT R+)
A6	RED	Navigation unit (SAT L+)
A9	BLU	Navigation unit (SAT BUS+ (GA-NET))
A10	PNK	Navigation unit (SAT BUS- (GA-NET))
A11	BLK	Navigation unit (GND)
A13	BLK	Navigation unit (SAT R-)
A14	GRN	Navigation unit (SAT L-)

(1) The shielded wires have a heat-shrunk tube insulating the outside of the wire. The color of the insulating tube, typically black or dark gray, may not

match the color of the wire listed on the schematic.
(2) '07-08 models

XM Receiver Connector B (2P)

CAVITY AND WIRE SPECIFICATION

Cavity	Wire	Connect to
B1	-	Satellite signal antenna (SIG)
B2	-	Satellite signal antenna (SIELD (XM))

AUXILIARY JACK ASSEMBLY CONNECTOR FOR INPUTS AND OUTPUTS

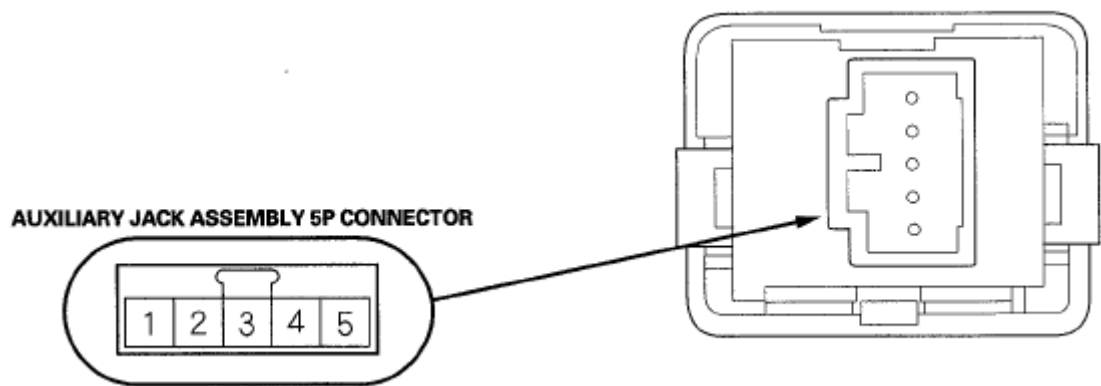


Fig. 13: Identifying Auxiliary Jack Assembly For Inputs And Outputs Connector Terminals
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Auxiliary Jack Assembly 5P Connector

(With navigation)

CAVITY AND WIRE SPECIFICATION

Cavity	Wire	Connect to
1	WHT	Navigation unit (AUX DET)
2	BLU	Navigation unit (AUX GND)
3	BRN	Navigation unit (AUX SGND)
4	YEL	Navigation unit (AUX L)

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5	GRN	Navigation unit (AUX R)
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Auxiliary Jack Assembly 5P Connector

(Without navigation)

CAVITY AND WIRE SPECIFICATION

Cavity	Wire	Connect to
1	WHT	Audio Unit (AUX DET)
2	BLU	Audio Unit (AUX GND)
3	BRN	Audio Unit (AUX SGND)
4	YEL	Audio Unit (AUX L)
5	GRN	Audio Unit (AUX R)

CIRCUIT DIAGRAM

With Navigation

2008 Honda Civic LX

2006-08 ACCESSORIES & EQUIPMENT Audio System - Civic (Except Hybrid)

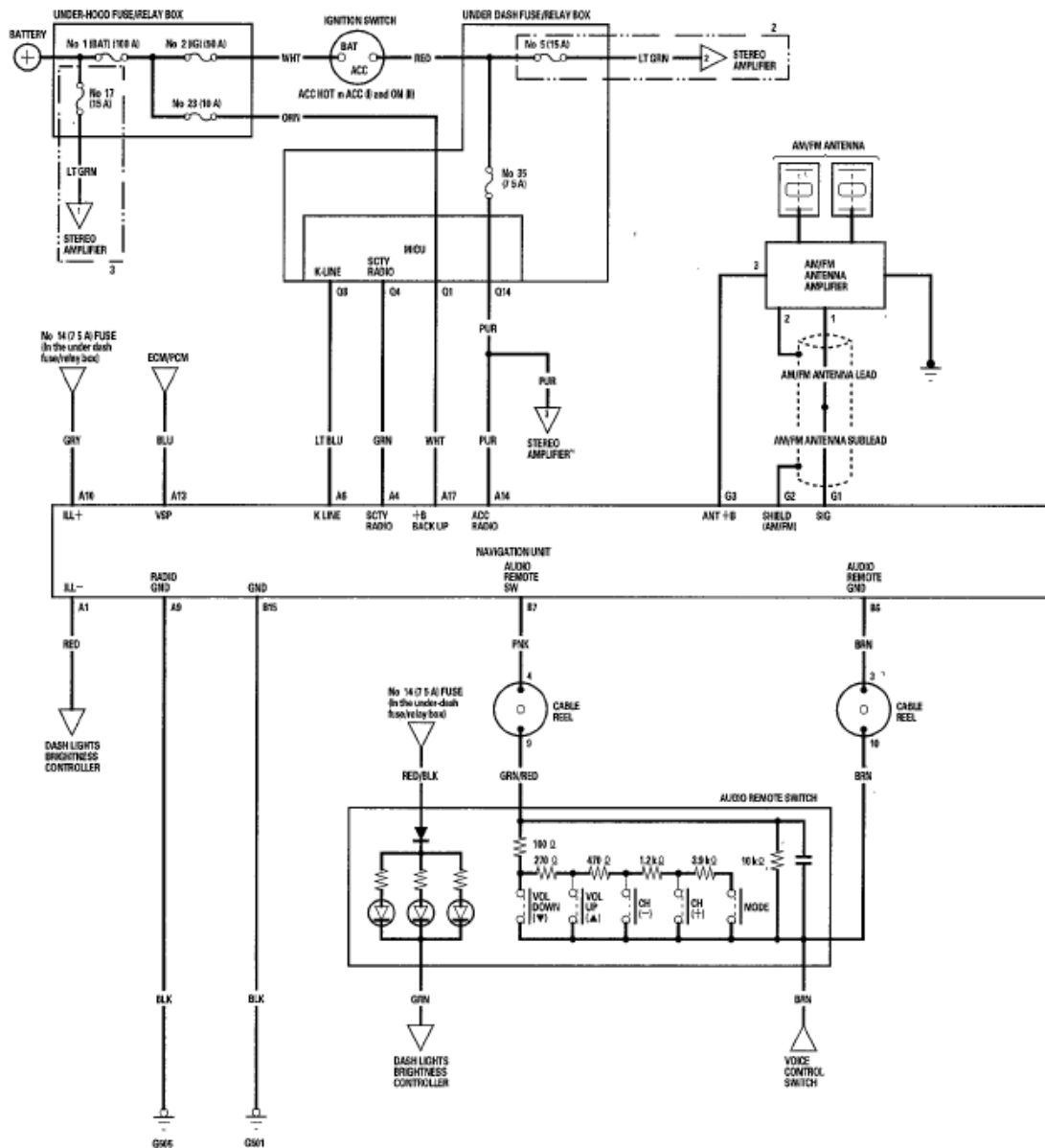


Fig. 14: Audio System Circuit Diagram - With Navigation (1 Of 3)
Courtesy of AMERICAN HONDA MOTOR CO., INC.

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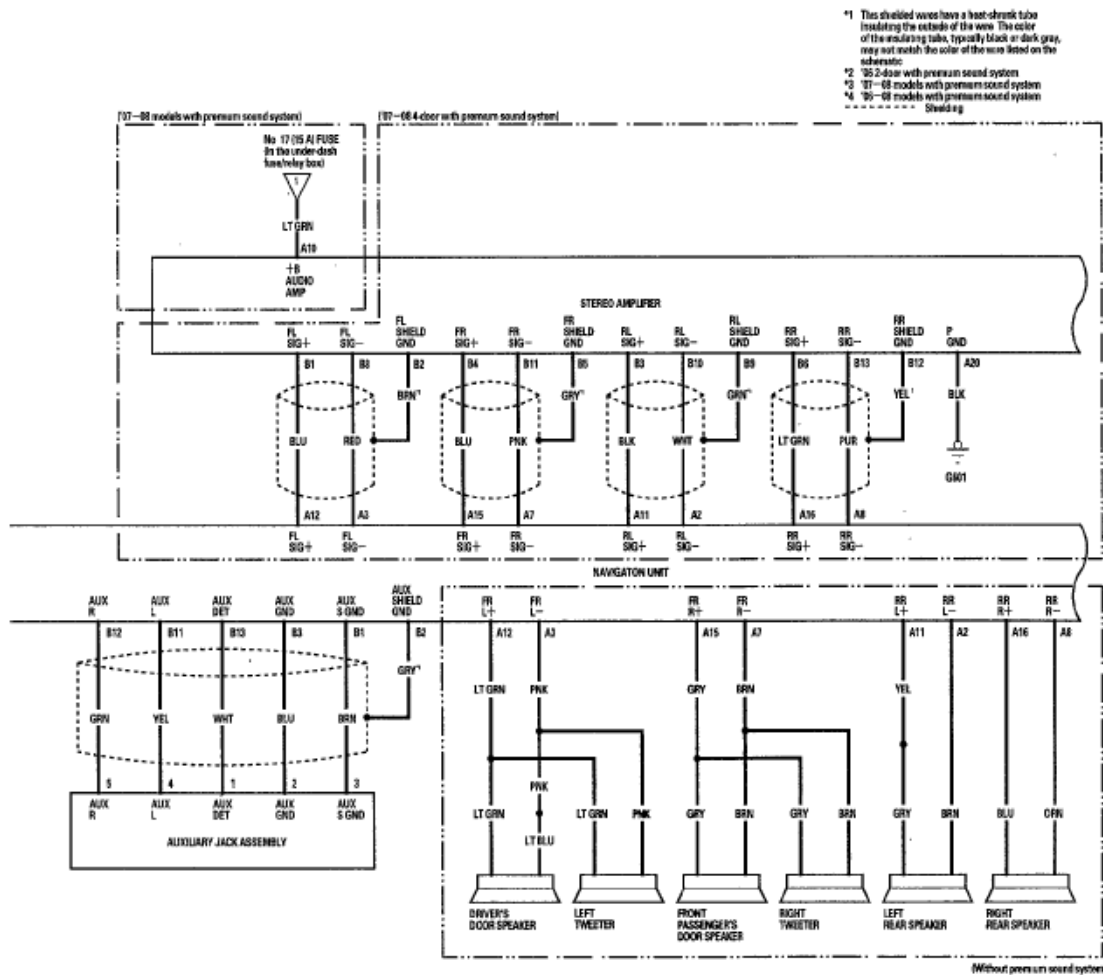


Fig. 15: Audio System Circuit Diagram - With Navigation (2 Of 3)
Courtesy of AMERICAN HONDA MOTOR CO., INC.

With Navigation

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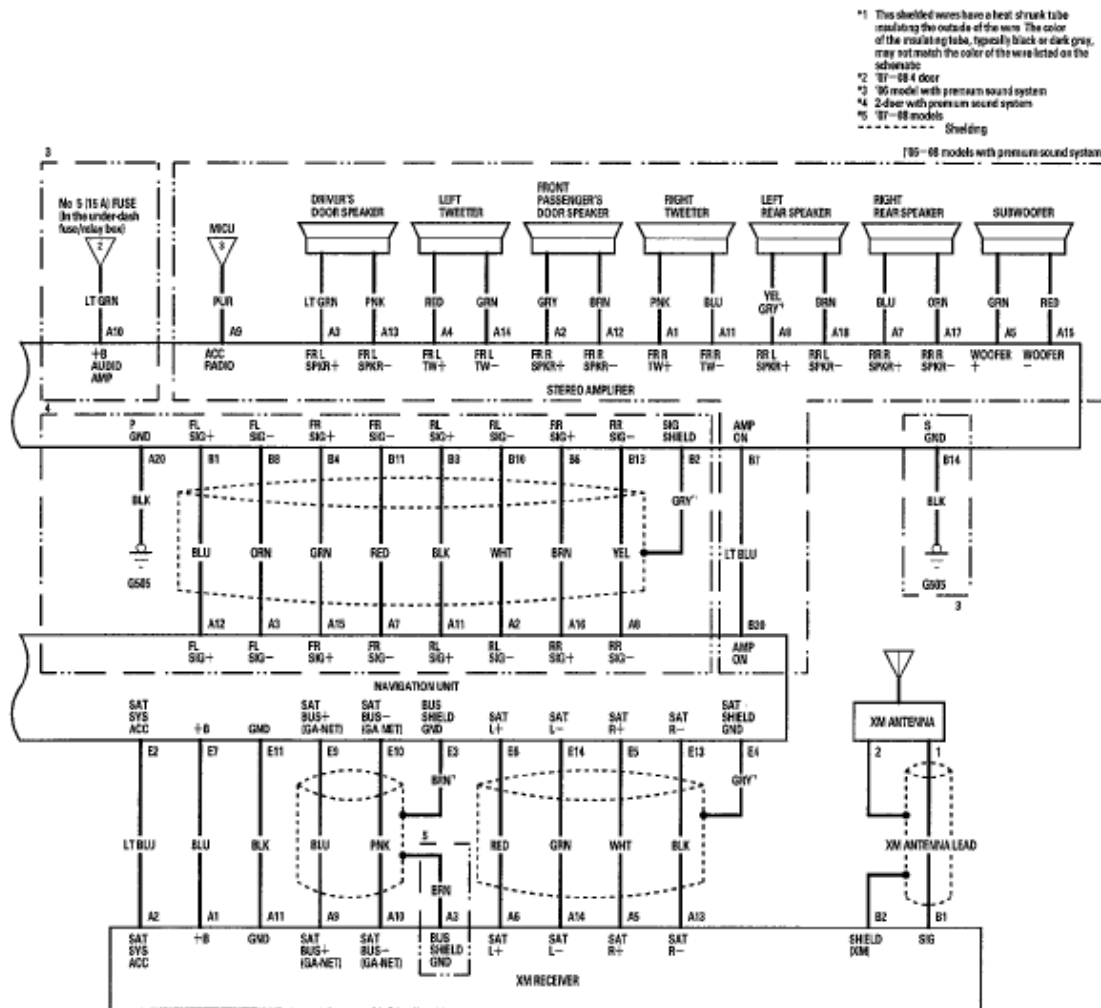


Fig. 16: Audio System Circuit Diagram - With Navigation (3 Of 3)
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

Audio without Navigation

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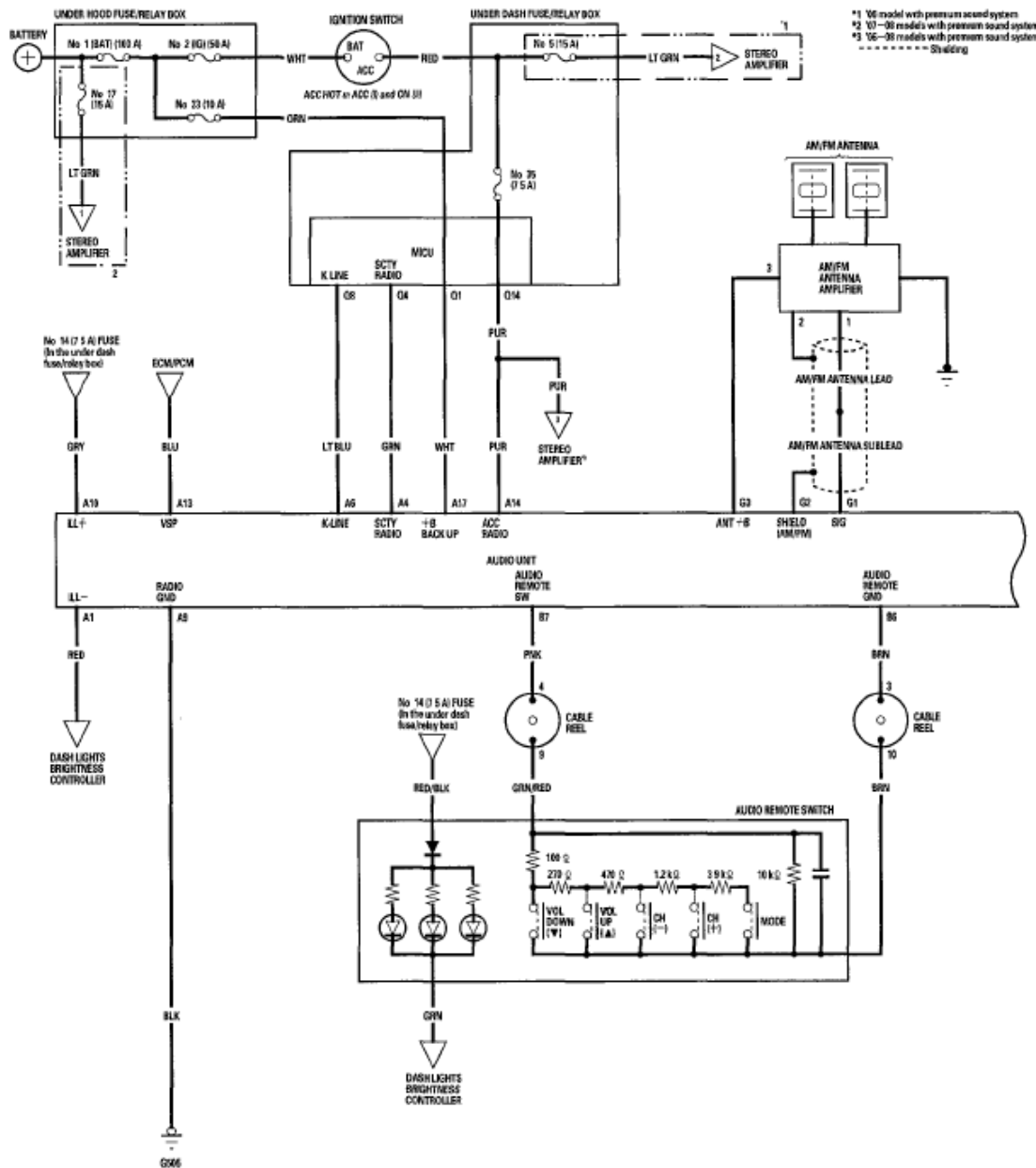


Fig. 17: Audio System Circuit Diagram - Without Navigation (1 Of 3)
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

Audio without Navigation

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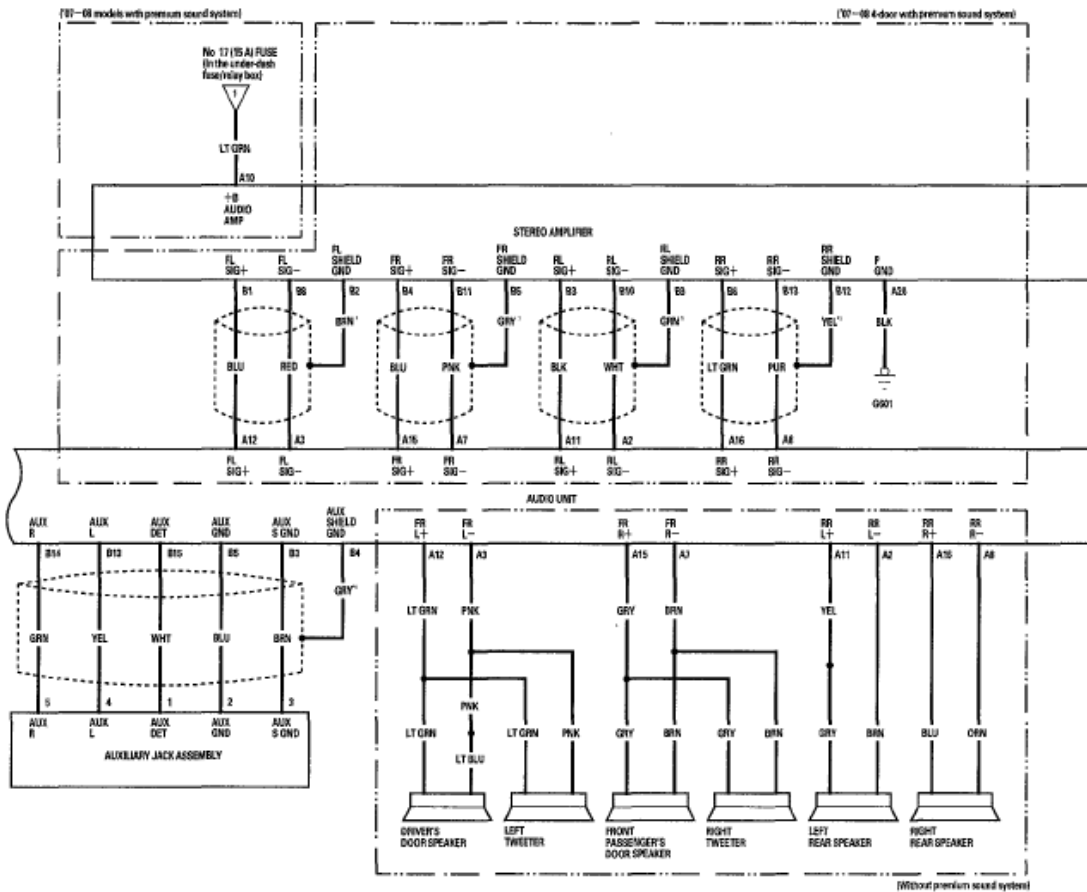


Fig. 18: Audio System Circuit Diagram - Without Navigation (2 Of 3)
Courtesy of AMERICAN HONDA MOTOR CO., INC.

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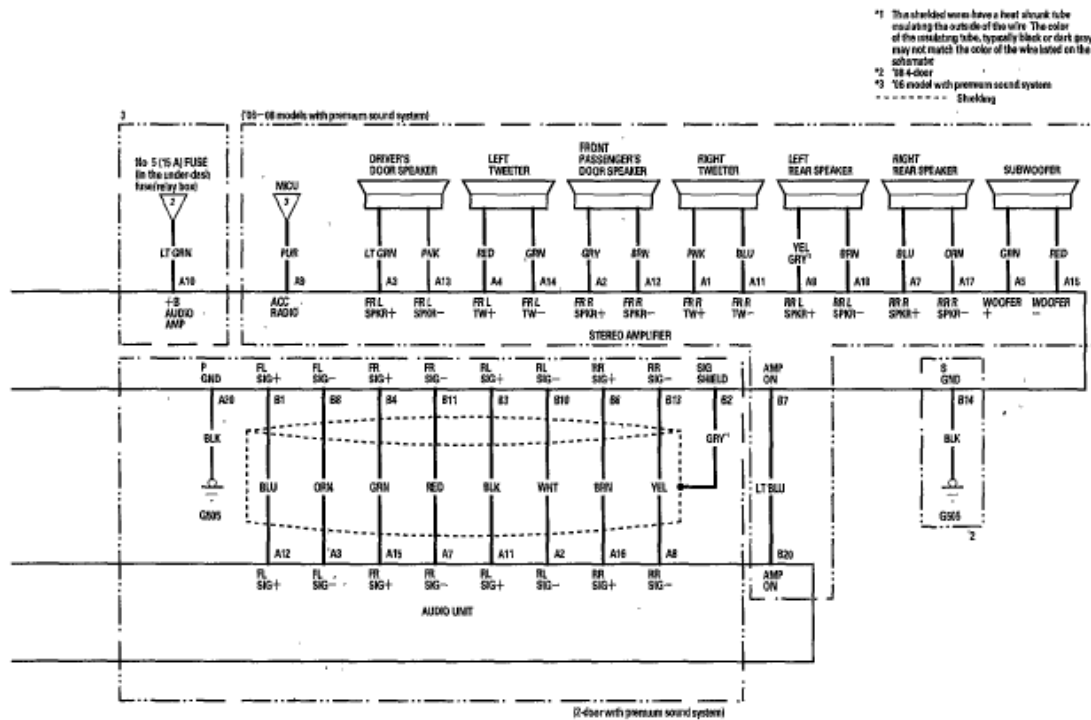


Fig. 19: Audio System Circuit Diagram - Without Navigation (3 Of 3)
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Without Audio

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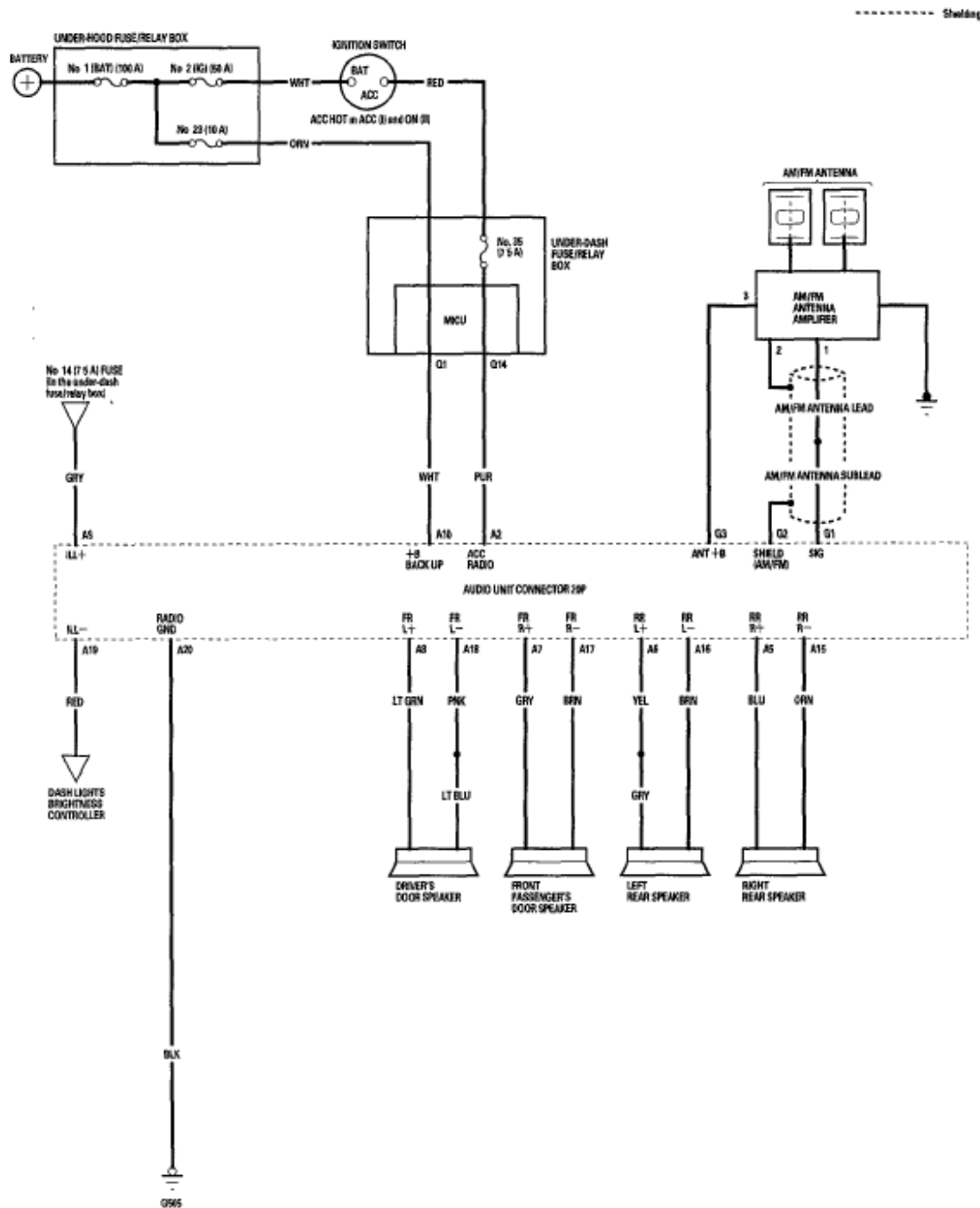


Fig. 20: Audio System Circuit Diagram - (Without Audio)
Courtesy of AMERICAN HONDA MOTOR CO., INC.

SELF-DIAGNOSTIC FUNCTION

WITHOUT NAVIGATION

The audio system has a self-diagnostic function.

SERIAL NUMBER DISPLAY MODE

To obtain the audio unit serial number on a vehicle, do the following:

- NOTE:**
- This procedure can only be performed when the battery power is disconnected from the audio unit and the audio unit displays **CODE**.
 - To obtain the navigation unit serial number, refer to NAVI ECU in the navigation system diagnostic mode .

1. Turn the ignition switch to ON (II).
2. With the audio unit turned off, push and hold the No. 1 and No. 6 buttons. While holding the buttons, push the VOL push PWR knob (A) to ON.

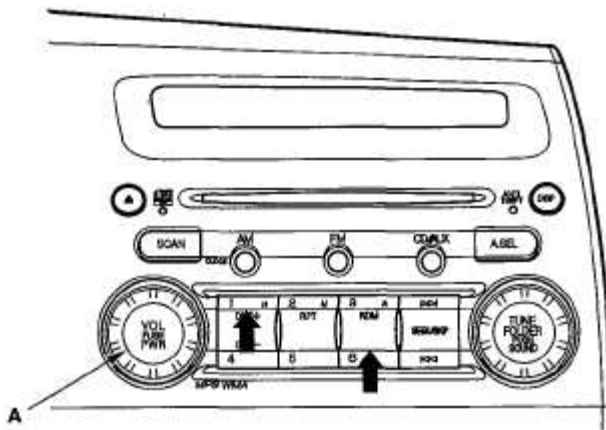


Fig. 21: Identifying Buttons And Self-Diagnostic Function
Courtesy of AMERICAN HONDA MOTOR CO., INC.

3. The display will show a 8 digit serial number.

Eight digits of the serial number (example 12345678)

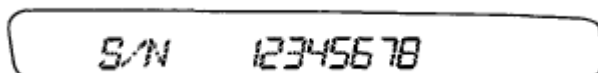


Fig. 22: Identifying Eight Digits Of Serial Number

Courtesy of AMERICAN HONDA MOTOR CO., INC.

4. Use all 8 numbers as the serial number when using the Interactive Network (iN) to retrieve the 5 digit anti-theft code.
5. The serial number display mode ends when you turn the audio unit off, or turn the ignition switch to LOCK (0).

HOW TO CHECK FOR AUDIO SYSTEM CONDITION

NOTE: The audio unit must be in the code enter screen before performing the self-diagnostic function.

1. Turn the ignition switch to ON (II).
2. Push and hold the No. 1 and No. 6 buttons. While holding the buttons, push the VOL push PWR knob (A) to ON. Release the buttons and the self-diagnostic function begins.

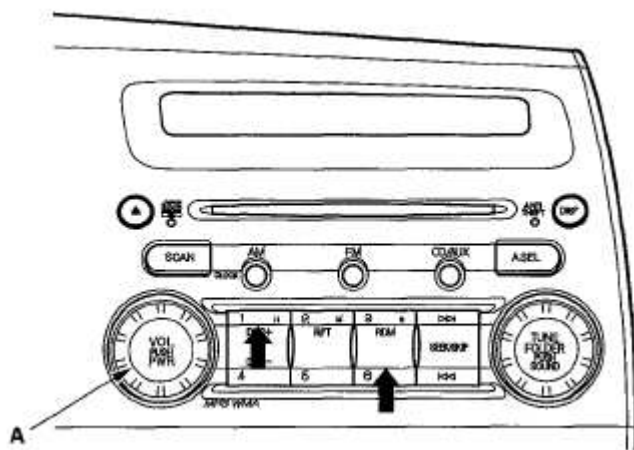


Fig. 23: Identifying Buttons And Self-Diagnostic Function
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

3. By pressing a preset button, the input will trigger the diagnostic mode that is assigned to that preset switch.

NO. 3 button

Entire LCD lighting/light-out mode: Turns on/off the entire LCD to show the presence or absence of an LCD failure.

NO. 4 button

Duty (for the Illumination dim) indication mode: Indicates the duty for the Illumination dim.

NO. 5 button

Vehicle speed pulse indication mode: Indicates the vehicle speed pulse.

FM button (Push and hold 5 sec.)

Reception level check mode: Indicates the reception level. When entering the reception level check mode, the AM/FM button is used to change the main/sub antenna.

CD button (Push and hold 5 sec.)

DRAM residual quantity indication mode: Indicates the DRAM residual quantity.

4. The self-diagnostic function will end when the audio unit is turned off, or the ignition switch to LOCK (0).

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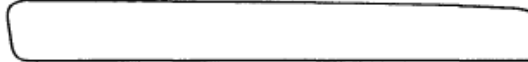
2006-08 ACCESSORIES & EQUIPMENT Audio System - Civic (Except Hybrid)

Display Specifications

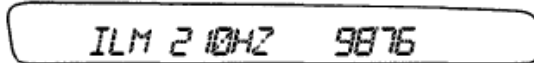
Entry LCD Lighting
No. 3 button



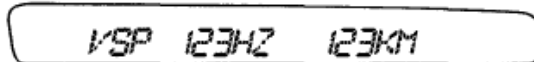
Entry LCD Lights-outs
No. 3 button



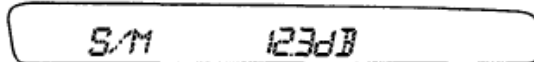
Duty (for the illumination) indication
No. 4 button



Vehicle speed pulse indication
No. 5 button



Reception level indication
FM button



DRAM residual quantity indication
CD button

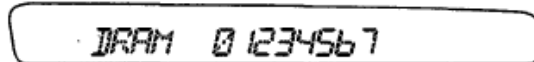


Fig. 24: CD Buttons Self-Diagnostic Function -: Display
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Speaker check mode

5. Turn off the audio unit.
6. Push and hold the No. 1 and No. 3 buttons. While holding the buttons, push the VOL push PWR knob to ON. Release the buttons and the speaker check mode will begin. A low-frequency hum should sound for about one minute. Change the test speaker by push the SKIP button. If you find a speaker(s) with no sound, check the speaker and harness connections. If the connections are good, replace the speaker and retest.
7. The self-diagnostic function ends when the audio unit is turned off, or the ignition switch to LOCK (0).

ERROR CODES

The audio system displays error codes when a problem is detected with the disc changer, the disc, the tape player, the XM radio, or the anti-theft code.

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CD Error Codes ('06-07 models and '08 model with navigation)**CD ERROR CODES ('06-07 MODELS AND '08 MODEL WITH NAVIGATION)**

Error Code Displayed	Possible Cause	Solution
DISC ERROR	The system cannot read the disc because an audio or video DVD is inserted into the unit. The CD may be inserted upside down.	Make sure the unit functions with a known-good CD.
MECH ERROR	There is a problem with the mechanism. A CD label may be jammed in the mechanism.	Replace the navigation unit.

CD Error Codes ('08 model without navigation)**CD ERROR CODES ('08 MODEL WITHOUT NAVIGATION)**

Error Code Displayed	Possible Cause	Solution
BAD DISC-PLEASE CHECK OWNERS MANUAL PUSH EJECT	• CD label jammed in the mechanism. • CD eject mechanism or motor is inoperative. • CD spindle motor won't spin up the CD. • The wrong type disc is inserted.	Press the EJECT button and hold it for 5 seconds. If the disc does not eject, try again. If the disc still won't eject, replace the unit.

CD Error Codes ('06-08 models)**CD ERROR CODES ('06-08 MODELS)**

Error Code		
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Displayed	Possible Cause	Solution
HEAT ERROR	CD player is too hot. This can happen if the vehicle is parked in the sunlight all day and is warmer than 104 °F (40 °C).	The unit should function normally when it cools off, and internal temperature is less than 104 °F (40 °C).
FORMAT	Audio unit cannot read the files on the CD or CD-R.	Current track will skipped. The next supported track or file plays automatically. • Verify that CD, CD-R, or CD-RW file names end in CD-A or WMA. • Verify that CD, CD-R, or CD-RW with compressed music formats end in MP3 or WMA. • Other file formats like iTunes or Ogg are not recognized. • WMA files may have (DRM) copy protection and cannot be read.

XM Error Codes**XM ERROR CODES**

Error Code Displayed	Possible Cause	Solution
LOADING	XM radio is acquiring audio or program information.	Wait until the radio receives the information.
(XM) OFF AIR	XM channel not in service.	Try another XM channel.
(XM) NO		Both terrestrial and satellite antennas have

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SIGNAL	Loss of signal.	lost signal. Park the vehicle outside with a clear view of the southern horizon.
(XM) UPDATING	XM radio is receiving information update from the network.	This message will disappear once the update finishes.
(XM) CHECK ANTENNA	XM antenna error.	Repair open or short in the satellite antenna. Substitute the XM antenna with a known-good one, and recheck. If the error is gone, replace the original XM antenna. If the error is still present, replace the antenna lead.
(XM) ANTENNA ERROR		
-	No signal from XM.	Check a known-good vehicle with XM radio. If the known-good vehicle has the same symptoms, contact XM Satellite Radio at (800) 852-9696.

Audio Unit Error Codes

AUDIO UNIT ERROR CODES

Error Code Displayed	Possible Cause	Solution
CODE ERROR 1	Anti-theft code mismatch (1 st try).	Enter the correct anti-theft code.
CODE ERROR E	Anti-theft code mismatch (10 th try).	Remove No. 23 (10 A) fuse in the under-hood fuse/relay box, then reinsert it. You will have 10 more tries to enter the correct anti-theft code.

SYMPTOM TROUBLESHOOTING

POOR AM OR FM RADIO RECEPTION OR INTERFERENCE (WITH NAVIGATION)

NOTE: • Check the vehicle battery condition first.

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- Check for aftermarket accessories plugged into the vehicle accessory power sockets.
- Check the connectors for poor connections or loose terminals.
- Check the radio reception in an open area. Compare it to a known-good vehicle whenever possible. Poor reception/interference can be caused by the following:
 - The radio station is far away.
 - Atmospheric conditions are unfavorable.
 - Tall buildings, mountains, or high-voltage power lines are nearby.
 - Aftermarket metallic window tint.

1. Turn the ignition switch to ON (II).
2. Do the seek stop test (see **SEEK STOP TEST**).

Is the test vehicle within 10% of the known-good vehicle?

YES -Multipath interference or weak station. Operation is normal.

NO -Go to step 3.

3. Check if the radio reception/interference is the same in several locations.

Is the reception/interference the same?

YES -Go to step 4.

NO -Multi path interference or weak station. Operation is normal.

4. Start the engine.
5. Check the reception/interference.

Is there noise (static or whine) only with the engine running?

YES -Check the antenna and radio grounds. If OK, check the charging system

and the ignition system.

NO -Go to step 6.

6. Turn the ignition switch to LOCK (0).
7. Wrap aluminum foil (A) around the tip of a tester probe (B) as shown.

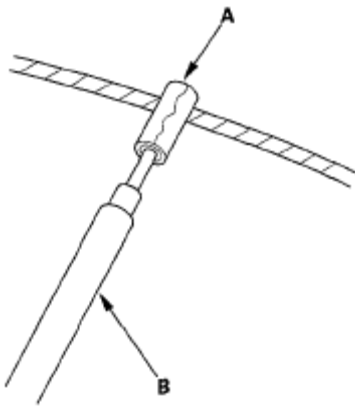


Fig. 25: Identifying Wrap Aluminum Foil And Tip Of Tester Probe
Courtesy of AMERICAN HONDA MOTOR CO., INC.

8. Check for continuity by touching one tester probe to the window antenna terminal (A), and move the other tester probe along the antenna wires.

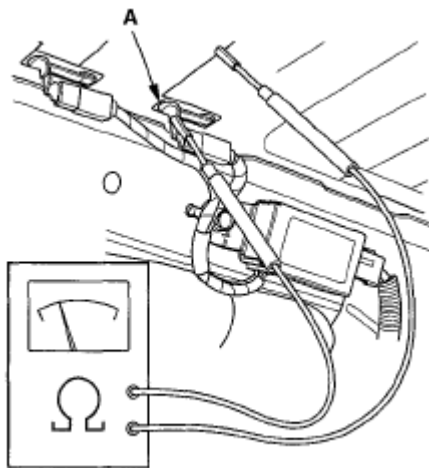


Fig. 26: Checking Continuity By Touching Tester Probe To Window Antenna Terminal
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there continuity in all sections of the antenna?

YES -Go to step 9.

NO -Repair the window antenna wire. Go to **AM/FM ANTENNA REPAIR** .

9. Remove the navigation unit (see **NAVIGATION UNIT REMOVAL/INSTALLATION**). Check that the antenna lead is properly connected.

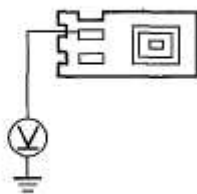
Is it connected properly?

YES -Go to step 10.

NO -Reconnect the connector, and recheck the function.

10. Disconnect the AM/FM antenna lead 3P connector from the AM/FM antenna amplifier (see **AM/FM ANTENNA AMPLIFIER REPLACEMENT**).
11. Turn the ignition switch to ON (II).
12. Turn on the navigation unit.
13. Measure the voltage between the AM/FM antenna lead connector No. 3 terminal at the AM/FM antenna amplifier and body ground.

AM/FM ANTENNA AMPLIFIER 3P CONNECTOR



Terminal side of female terminals

Fig. 27: Measuring Voltage Between AM/FM Antenna Lead Connector Terminal At AM/FM Antenna Amplifier And Body Ground
Courtesy of AMERICAN HONDA MOTOR CO., INC.

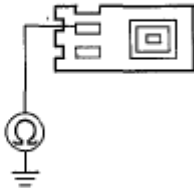
Is there battery voltage?

YES -Go to step 18.

NO -Go to step 14.

14. Turn the ignition switch to LOCK (0).
15. Disconnect navigation unit connector G (3P).
16. Check for continuity between the AM/FM antenna amplifier connector (3P) No. 3 terminal and body ground.

AM/FM ANTENNA AMPLIFIER 3P CONNECTOR



Terminal side of female terminals

Fig. 28: Checking Continuity Between AM/FM Antenna Amplifier Connector Terminal 3P And Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there continuity?

YES -Repair short to body ground in the wire between the navigation unit and the AM/FM antenna amplifier.

NO -Go to step 17.

17. Check for continuity between navigation unit connector G (3P) No. 3 terminal and the AM/FM antenna amplifier 3P connector No. 3 terminal.

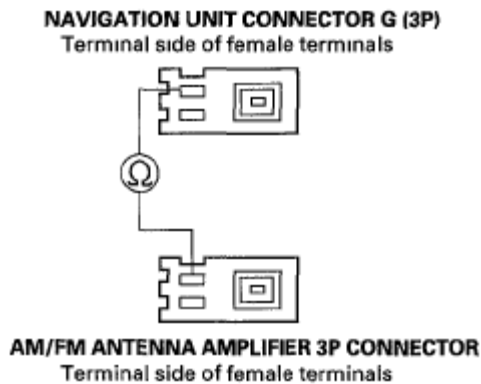


Fig. 29: Checking Continuity Between Navigation Unit Connector Terminal And AM/FM Antenna Amplifier 3P Connector Terminal
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there continuity?

YES -Substitute a known-good navigation unit, and recheck.

NO -Repair open in the wire between the navigation unit and the AM/FM antenna amplifier.

18. Turn the ignition switch to LOCK (0).
19. Disconnect navigation unit connector G (3P).
20. Check for continuity between navigation unit connector G (3P) No. 1 terminal and body ground.

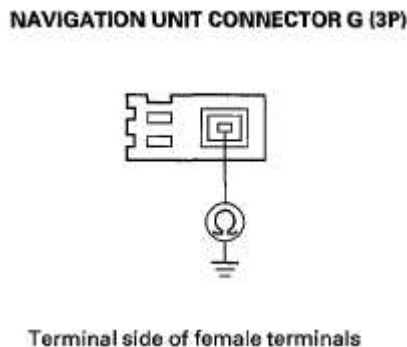


Fig. 30: Checking Continuity Between Navigation Unit G (3P) Connector Terminal And Body Ground
Courtesy of AMERICAN HONDA MOTOR CO., INC.

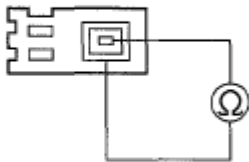
Is there continuity?

YES -Replace the AM/FM antenna lead and/or sublead.

NO -Go to step 21.

21. Check for continuity between navigation unit connector G (3P) No. 1 and No. 2 terminals.

NAVIGATION UNIT CONNECTOR G (3P)



Terminal side of female terminals

Fig. 31: Checking Continuity Between Navigation Unit G (3P) Connector Terminals

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there continuity?

YES -Replace the antenna lead and/or sublead.

NO -Go to step 22.

22. Check for continuity between navigation unit connector G (3P) No. 2 terminal and the AM/FM antenna amplifier 3P connector No. 2 terminal.

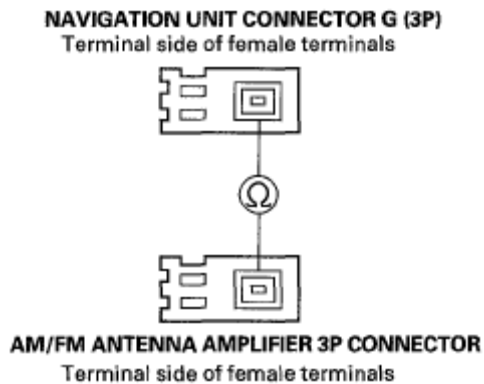


Fig. 32: Checking Continuity Between Navigation Unit G (3P) Connector Terminal And AM/FM Antenna Amplifier 3P Connector Terminal
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there continuity?

YES -Replace the antenna lead and/or sublead.

NO -Go to step 23.

23. Check for continuity between navigation unit connector G (3P) No. 1 terminal and the AM/FM antenna amplifier 3P connector No. 1 terminal.

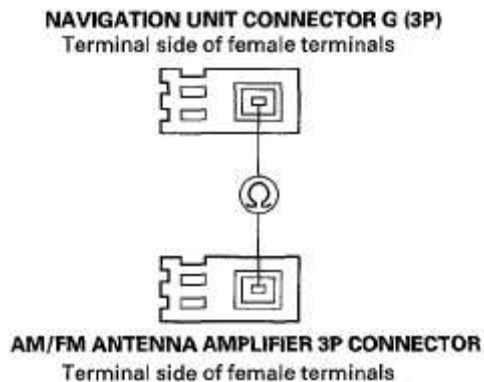


Fig. 33: Checking Continuity Between Navigation Unit G (3P) Connector Terminal And AM/FM Antenna Amplifier 3P Connector Terminal
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there continuity?

YES -Replace the AM/FM antenna amplifier, and recheck. If the reception is still poor, replace the navigation unit (see **NAVIGATION UNIT REMOVAL/INSTALLATION**).

NO -Replace the AM/FM antenna lead and/or sublead.

POOR AM OR FM RADIO RECEPTION OR INTERFERENCE (WITHOUT NAVIGATION)

NOTE:

- **Check the vehicle battery condition first.**
- **Check for aftermarket accessories plugged into the vehicle accessory power sockets.**
- **Check the connectors for poor connections or loose terminals.**
- **Check the radio reception in an open area. Compare it to a known-good vehicle whenever possible. Poor reception/interference can be caused by the following:**
 - **The radio station is far away.**
 - **Atmospheric conditions are unfavorable.**
 - **Tall buildings, mountains, or high-voltage power lines are nearby.**
 - **Aftermarket metallic window tint.**

1. Turn the ignition switch to ON (II).
2. Do the seek stop test (see **SEEK STOP TEST**).

Is the test vehicle within 10 % of the known-good vehicle?

YES -Multipath interference or weak station. Operation is normal.

NO -Go to step 3.

3. Check if the radio reception/interference is the same in several locations.

Is the reception/interference the same?

YES -Go to step 4.

NO -Multipath interference or weak station. Operation is normal.

4. Start the engine.
5. Check the reception/interference.

Is there noise (static or whine) only with the engine running?

YES -Check the antenna and radio grounds. If OK, check the charging system and the ignition system.

NO -Go to step 6.

6. Turn the ignition switch to LOCK (0).
7. Wrap aluminum foil (A) around the tip of a tester probe (B) as shown.

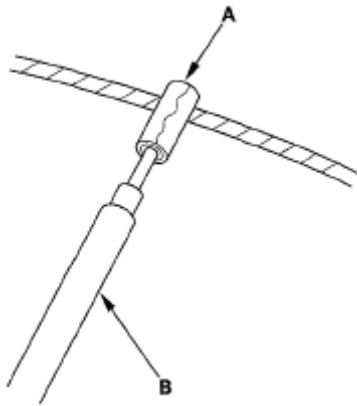


Fig. 34: Identifying Wrap Aluminum Foil And Tip Of Tester Probe
Courtesy of AMERICAN HONDA MOTOR CO., INC.

8. Check for continuity by touching one tester probe to the window antenna terminal (A), and move the other tester probe along the antenna wires.

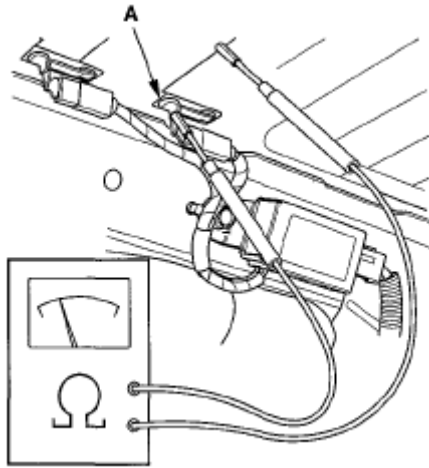


Fig. 35: Checking Continuity By Touching Tester Probe To Window Antenna Connector Terminal

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there continuity in all sections of the antenna?

YES -Go to step 9.

NO -Repair the window antenna wire. Go to **AM/FM ANTENNA REPAIR** .

9. Remove the audio unit (see **AUDIO UNIT REMOVAL/INSTALLATION**). Check that the antenna lead is properly connected.

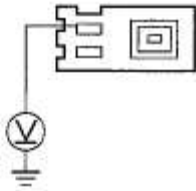
Is it connected properly?

YES -Go to step 10.

NO -Reconnect the connector, and recheck the function.

10. Disconnect the antenna cable 3P connector from the AM/FM antenna amplifier (see **AM/FM ANTENNA AMPLIFIER REPLACEMENT**).
11. Turn the ignition switch to ON (II).
12. Turn on the audio unit.
13. Measure the voltage between the AM/FM antenna lead connector No. 3 terminal at the AM/FM antenna amplifier and body ground.

AM/FM ANTENNA AMPLIFIER 3P CONNECTOR



Terminal side of female terminals

Fig. 36: Measuring Voltage Between AM/FM Antenna Lead Connector Terminal At AM/FM Antenna Amplifier And Body Ground
Courtesy of AMERICAN HONDA MOTOR CO., INC.

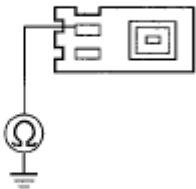
Is there battery voltage?

YES -Go to step 18.

NO -Go to step 14.

14. Turn the ignition switch to LOCK (0).
15. Disconnect audio unit connector G (3P).
16. Check for continuity between the AM/FM antenna amplifier connector (3P) No. 3 terminal and body ground.

AM/FM ANTENNA AMPLIFIER 3P CONNECTOR



Terminal side of female terminals

Fig. 37: Checking Continuity Between AM/FM Antenna Amplifier (3P) Connector Terminal And Body Ground
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there continuity?

YES -Repair short to body ground in the wire between the audio unit and the AM/FM antenna amplifier.

NO -Go to step 17.

17. Check for continuity between audio unit connector G (3P) No. 3 terminal and the AM/FM antenna amplifier 3P connector No. 3 terminal.

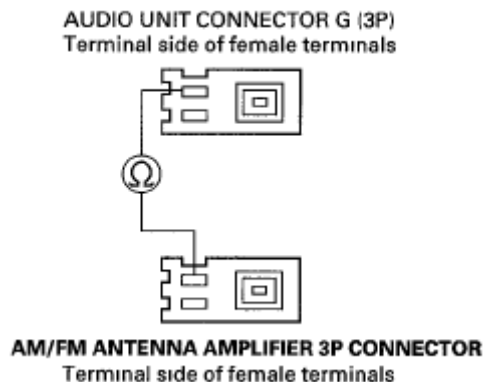


Fig. 38: Checking Continuity Between Audio Unit G (3P) Connector Terminal And AM/FM Antenna Amplifier 3P Connector Terminal
Courtesy of AMERICAN HONDA MOTOR CO., INC.

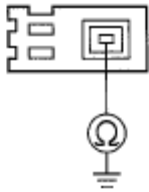
Is there continuity?

YES -Substitute a known-good audio unit, and recheck.

NO -Repair open in the wire between the audio unit and the AM/FM antenna amplifier.

18. Turn the ignition switch to LOCK (0).
19. Disconnect audio connector G (3P).
20. Check for continuity between audio unit connector G (3P) No. 1 terminal and body ground.

AUDIO UNIT CONNECTOR G (3P)



Terminal side of female terminals

Fig. 39: Checking Continuity Between Audio Unit G (3P) Connector Terminal And Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

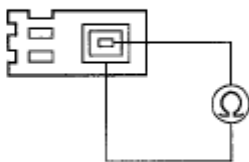
Is there continuity?

YES -Replace the antenna lead and/or sublead.

NO -Go to step 21.

21. Check for continuity between audio unit connector G (3P) No. 1 and No. 2 terminals.

AUDIO UNIT CONNECTOR G (3P)



Terminal side of female terminals

Fig. 40: Checking Continuity Between Audio Unit G (3P) Connector Terminals

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there continuity?

YES -Replace the antenna lead and/or sublead.

NO -Go to step 22.

22. Check for continuity between audio unit connector G (3P) No. 2 terminal and the AM/FM antenna amplifier 3P connector No. 2 terminal.

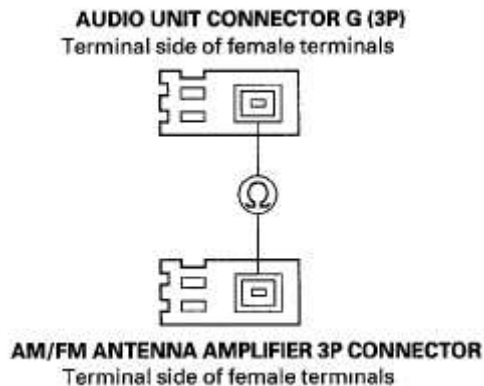


Fig. 41: Checking Continuity Between Audio Unit G (3P) Connector Terminal And AM/FM Antenna Amplifier 3P Connector Terminal
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there continuity?

YES -Replace the antenna lead and/or sublead.

NO -Go to step 23.

23. Check for continuity between audio unit connector G (3P) No. 1 terminal and the AM/FM antenna amplifier 3P connector No. 1 terminal.

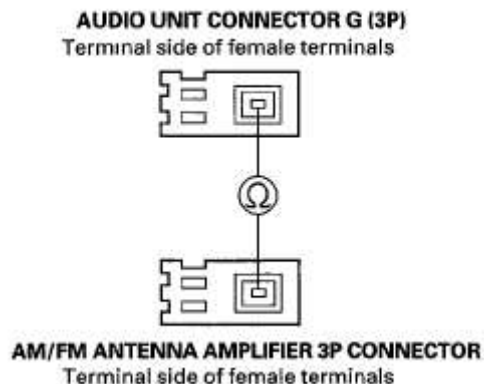


Fig. 42: Checking Continuity Between Audio Unit G (3P) Connector

Terminal And AM/FM Antenna Amplifier 3P Connector Terminal
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there continuity?

YES -Replace the AM/FM antenna amplifier, and recheck. If the reception is still poor, replace the audio unit (see **AUDIO UNIT REMOVAL/INSTALLATION**).

NO -Replace the antenna lead and/or sublead.

AUDIO UNIT POWER SWITCH WILL NOT TURN ON (NO INFORMATION DISPLAY AND NO SOUND) (WITH NAVIGATION)

NOTE:

- **Check the vehicle battery condition first.**
- **Check the connectors for poor connections or loose terminals.**

1. Turn the ignition switch to ON (II).
2. Push the power switch ON to see if the navigation unit turns ON.

Does the navigation unit display operate properly, and does the audio sound normal?

YES -Intermittent failure, the system is OK at this time.

NO -Go to step 3.

3. Turn the ignition switch to LOCK (0).
4. Check the No. 23 (10 A) fuse in the under-hood fuse/relay box and No. 35 (7.5 A) fuse in the under-dash fuse/relay box.

Are the fuses OK?

YES -Go to step 5.

NO -Replace the fuse(s), and recheck.

5. Remove the navigation unit (see **NAVIGATION UNIT REMOVAL/INSTALLATION**). Check that the navigation unit is properly connected.

NOTE: Eject all the discs before removing the navigation unit to prevent damaging the CD player's load mechanism.

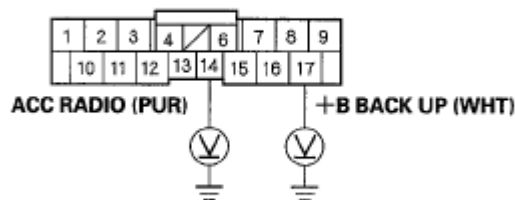
Is it connected properly?

YES -Go to step 6.

NO -Reconnect the connector, and recheck the function.

6. Turn the ignition switch to ON (II).
7. Measure the voltage between body ground and navigation unit connector A (17P) terminals No. 14 and No. 17 individually.

NAVIGATION UNIT CONNECTOR A (17P)



Wire side of female terminals

Fig. 43: Measuring Voltage Between Navigation Unit A (17P) Connector Terminals And Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

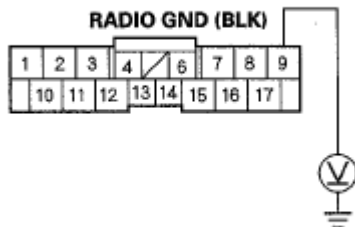
Is there battery voltage on both terminals?

YES -Go to step 8.

NO -Repair open in the wire(s) between the No. 23 (10 A) fuse in the under-hood fuse/relay box and No. 35 (7.5 A) in the under-dash fuse/relay box and the audio unit.

8. Turn the ignition switch to LOCK (0).
9. Turn the ignition switch to ON (II).
10. Measure the voltage between navigation unit connector A (17P) No. 9 terminal and body ground, and navigation unit connector B (22P) No. 15 terminal and body ground.

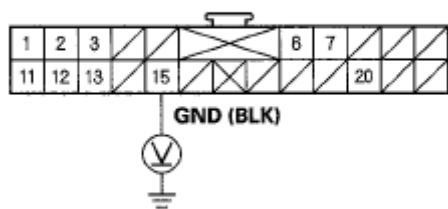
NAVIGATION UNIT CONNECTOR A (17P)



Wire side of female terminals

Fig. 44: Measuring Voltage Between Navigation Unit A (17P) Connector Terminal And Body Ground
Courtesy of AMERICAN HONDA MOTOR CO., INC.

NAVIGATION UNIT CONNECTOR B (22P)



Wire side of female terminals

Fig. 45: Measuring Voltage Between Navigation Unit B (22P) Connector Terminal And Body Ground
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there less than 0.1 V on both terminals?

YES -Replace the navigation unit (see **NAVIGATION UNIT REMOVAL/INSTALLATION**).

NO -Repair open in the wire between navigation unit connector A (17P) No.

19 terminal or navigation unit connector B (22P) No. 15 terminal and body ground (G505) (see **CONNECTOR TO HARNESS INDEX**).

AUDIO UNIT POWER SWITCH WILL NOT TURN ON (NO INFORMATION DISPLAY AND NO SOUND) (WITHOUT NAVIGATION)

NOTE:

- **Check the vehicle battery condition first.**
- **Check the connectors for poor connections or loose terminals.**

1. Turn the ignition switch to ON (II).
2. Push the power switch ON to see if audio unit turns ON.

Does the audio unit operate properly, and does the audio sound normal?

YES -Intermittent failure, the system is OK at this time.

NO -Go to step 3.

3. Turn the ignition switch to LOCK (0).
4. Check the No. 23 (10 A) fuse in the under-hood fuse/relay box and No. 35 (7.5 A) fuse in the under-dash fuse/relay box.

Are the fuses OK?

YES -Go to step 5.

NO -Replace the fuse(s), and recheck.

5. Remove the audio unit (see **AUDIO UNIT REMOVAL/INSTALLATION**). Check that the audio unit is properly connected.

NOTE: **Eject all the discs before removing the audio unit to prevent damaging the CD player's load mechanism.**

Is it connected properly?

YES -Go to step 6.

NO -Reconnect the connector, and recheck the function.

6. Turn the ignition switch to ON (II).
7. Measure the voltage between audio unit connector A (17P) terminal No. 14 and body ground, and between terminal No. 17 and body ground.

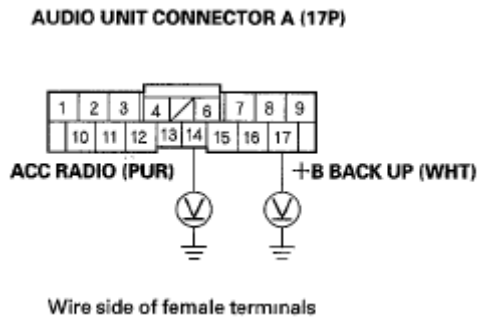


Fig. 46: Measuring Voltage Between Audio Unit A (17P) Connector Terminal And Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

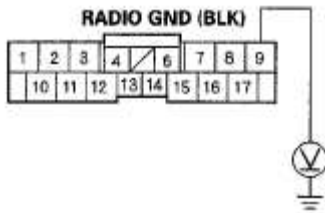
Is there battery voltage on the both terminals?

YES -Go to step 8.

NO -Repair open in the wire(s) between the No. 23 (10 A) fuse in the under-hood fuse/relay box and No. 35 (7.5 A) in the under-dash fuse/relay box and the audio unit.

8. Turn the ignition switch to LOCK (0).
9. Turn the ignition switch to ON (II).
10. Measure the voltage between audio unit connector A (17P) No. 9 terminal and body ground.

AUDIO UNIT CONNECTOR A (17P)



Wire side of female terminals

Fig. 47: Measuring Voltage Between Audio Unit A (17P) Connector Terminal And Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there less than 0.1 V?

YES -Replace the audio unit (see **AUDIO UNIT REMOVAL/INSTALLATION**).

NO -Repair open in the wire between audio unit connector A (17P) No. 9 terminal and body ground (G505) (see **CONNECTOR TO HARNESS INDEX**).

AUDIO UNIT POWER SWITCH WILL NOT TURN OFF (WITH NAVIGATION)

NOTE:

- Check for aftermarket accessories plugged into the vehicle's accessory power sockets.
- Check the connectors for poor connections or loose terminals.

1. Turn the ignition switch to ON (II).
2. Push the power switch OFF or turn the ignition switch OFF to see if the navigation unit turns OFF.

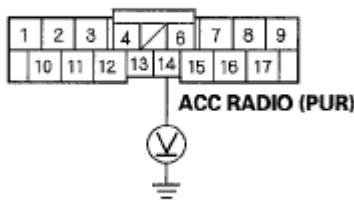
Is the navigation unit OFF?

YES -Operation is normal.

NO -Go to step 2.

3. Turn the ignition switch to LOCK (0).
4. Remove the navigation unit (see **NAVIGATION UNIT REMOVAL/INSTALLATION**).
5. Measure the voltage between navigation unit connector A (17P) terminal No. 14 and body ground.

NAVIGATION UNIT CONNECTOR A (17P)



Wire side of female terminals

Fig. 48: Measuring Voltage Between Navigation Unit A (17P) Connector Terminal And Body Ground
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there battery voltage?

YES -Check for short to power on PUR wire.

NO -Replace the navigation unit (see **NAVIGATION UNIT REMOVAL/INSTALLATION**).

AUDIO UNIT POWER SWITCH WILL NOT TURN OFF (WITHOUT NAVIGATION)

NOTE:

- Check for aftermarket accessories plugged into the vehicle's accessory power sockets.
- Check the connectors for poor connections or loose terminals.

1. Turn the ignition switch to ON (II).
2. Push the power switch OFF or turn the ignition switch OFF to see if the audio unit turns OFF.

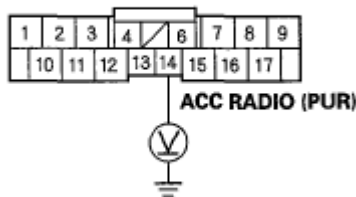
Is the audio unit OFF?

YES -Operation is normal.

NO -Go to step 3.

3. Turn the ignition switch to LOCK (0).
4. Remove the audio unit (see **AUDIO UNIT REMOVAL/INSTALLATION**).
5. Measure the voltage between audio unit connector A (17P) terminal No. 14 and body ground.

AUDIO UNIT CONNECTOR A (17P)



Wire side of female terminals

Fig. 49: Measuring Voltage Between Audio Unit A (17P) Connector Terminal And Body Ground
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there voltage?

YES -Check for short to power on PUR wire.

NO -Replace the audio unit (see **AUDIO UNIT REMOVAL/INSTALLATION**).

NO SOUND IS HEARD FROM SPEAKER(S) (DISPLAY IS NORMAL) (WITH NAVIGATION)

NOTE:

- Check the vehicle battery condition first.
- Check the connectors for poor connections or loose terminals.
- Set the fader and balance positions to the center.

2008 Honda Civic LX

2006-08 ACCESSORIES & EQUIPMENT Audio System - Civic (Except Hybrid)

1. Turn the ignition switch to ON (II).
2. Check for sound in each mode (AM, FM, XM, and CD).

Is the sound OK in each mode?

YES -Intermittent failure. The system is OK at this time. Check for loose connections at the navigation unit and speaker(s).

NO -Go to step 3.

3. Check that the volume button is not set to the MIN level.

Is it at the MIN level?

YES -Raise the volume level, and recheck the function.

NO -Go to step 4.

4. On the steering wheel, check the navigation TALK command.

Is the navigation TALK command function set?

YES -Cancel the navigation TALK command by pressing the navigation BACK button, then recheck the function.

NO -Go to step 5.

5. Check to see if there is a specific speaker that has no sound.

Do any or all of the speakers fail to sound?

YES -Speaker(s) failed the test:

- If at least one speaker is OK, go to step 6.
- If all speakers fail to sound:
 - With premium sound system: Go to step 14.
 - Without premium sound system: Go to step 9.

NO -Speakers all work, but sound quality is poor in step 1.

- If sound is poor only with XM radio, or the XM radio does not function, go to **POOR OR NO SOUND WITH XM RADIO** .
- If the sound is poor only with AM or FM, go to **POOR AM OR FM RADIO RECEPTION OR INTERFERENCE** .
- If the sound is poor only with disc.
 - Try several known- good tapes/disc in the navigation unit.
 - If the sound quality is normal, the original disc is faulty.
 - If the sound quality is still poor, replace the navigation unit.
- If the sound is poor in all modes, go to **SOUND QUALITY DIAGNOSIS** .

6. Turn the ignition switch to LOCK (0).
7. Remove the speaker(s) with no sound (see **SPEAKER REPLACEMENT**), and disconnect its connector.
8. Check the speaker 2P connector for a loose or poor connection.

Reconnect the speaker 2P connector and recheck the symptom; does it still fail?

YES -Go to step 9.

NO -Operation is normal.

9. Make sure the ignition switch is in LOCK (0).
10. Measure the resistance between the (+) and (-) terminals of the speaker connector.

Is there about 4 ohms?

YES -

- With premium sound system: Go to step 20.
- Without premium sound system: Go to step 11.

2008 Honda Civic LX

2006-08 ACCESSORIES & EQUIPMENT Audio System - Civic (Except Hybrid)

NO -Faulty speaker(s).

11. Remove the navigation unit (see **NAVIGATION UNIT REMOVAL/INSTALLATION**). Disconnect navigation unit connector A (17P).

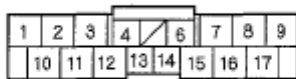
NOTE: Eject all the discs before removing the navigation unit to prevent damaging the CD player's load mechanism.

12. Measure the resistance between the following terminals of navigation unit connector A (17P) according to the table.

SPEAKER TERMINALS REFERENCE

Speaker	Terminal	Wire color
Driver's door speaker, Left tweeter	A12 (+)	LT GRN
	A3 (-)	PNK
Front passenger's door speaker, Right tweeter	A15 (+)	GRY
	A7 (-)	BRN
Left rear speaker	A11 (+)	YEL
	A2 (-)	BRN
Right rear speaker	A16 (+)	BLU
	A8 (-)	ORN

NAVIGATION UNIT CONNECTOR A (17P)



Wire side of female terminals

Fig. 50: Measuring Resistance Between Navigation Unit A (17P) Connector Terminals

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there about 4 ohms?

2008 Honda Civic LX

2006-08 ACCESSORIES & EQUIPMENT Audio System - Civic (Except Hybrid)

YES -Go to step 13.

NO -Repair open or short in the wires between navigation unit and speaker(s).

13. Check for continuity between body ground and the following terminals of navigation unit connector A (17P).

SPEAKER TERMINALS REFERENCE

Speaker	Terminal	Wire color
Driver's door speaker, Left tweeter	A12 (+)	LT GRN
	A3 (-)	PNK
Front passenger's door speaker, Right tweeter	A15 (+)	GRY
	A7 (-)	BRN
Left rear speaker	A11 (+)	YEL
	A2 (-)	BRN
Right rear speaker	A16 (+)	BLU
	A8 (-)	ORN

NAVIGATION UNIT CONNECTOR A (17P)



Wire side of female terminals

Fig. 51: Checking Continuity Between Navigation Unit A (17P) Connector Terminals And Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

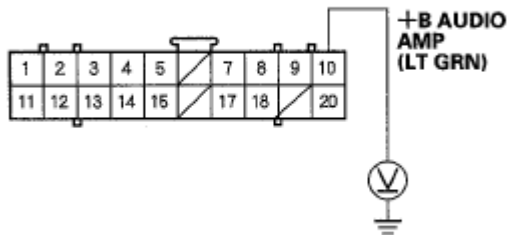
Is there continuity?

YES -Repair short to body ground in the wire(s) between the navigation unit and speaker(s).

NO -Substitute a known-good navigation unit and recheck. If the symptom/indication goes away, replace the original navigation unit.

14. Measure the voltage between stereo amplifier connector A (20P) No. 10 terminal and body ground.

STEREO AMPLIFIER CONNECTOR A (20P)



Wire side of female terminals

Fig. 52: Measuring Voltage Between Stereo Amplifier A (20P) Connector Terminal And Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there battery voltage?

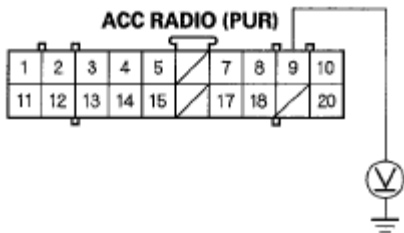
YES -Go to step 15.

NO -

- '06 model: Repair open in the wire between No. 5 (15 A) fuse in the under-dash fuse/relay box and stereo amplifier connector A (20P) No. 10 terminal.
- '07-08 models: Repair open in the wire between No. 17 (15 A) fuse in the under-hood fuse/relay box and stereo amplifier connector A (20P) No. 10 terminal.

15. Turn the ignition switch to ON (II).
16. Measure the voltage between stereo amplifier connector A (20P) No. 9 terminal and body ground.

STEREO AMPLIFIER CONNECTOR A (20P)



Wire side of female terminals

Fig. 53: Measuring Voltage Between Stereo Amplifier A (20P) Connector Terminal And Body Ground
Courtesy of AMERICAN HONDA MOTOR CO., INC.

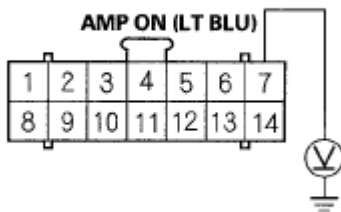
Is there battery voltage?

YES -Go to step 17.

NO -Repair open in the wire between No. 35 (7.5 A) fuse in the under-dash fuse/relay box and stereo amplifier connector A (20P) No. 9 terminal.

17. Measure the voltage between stereo amplifier connector B (14P) No. 7 terminal and body ground.

STEREO AMPLIFIER CONNECTOR B (14P)



Wire side of female terminals

Fig. 54: Measuring Voltage Between Stereo Amplifier B (14P) Connector Terminal And Body Ground
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there battery voltage?

YES -Go to step 18.

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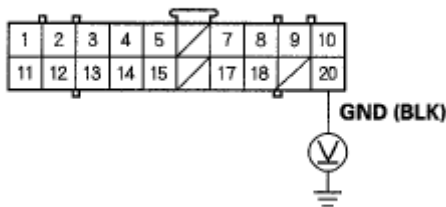
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NO -Repair open in the wire between the stereo amplifier connector B (14P) No. 7 terminal and navigation unit connector B (22P) No. 20 terminal.

18. Measure the voltage between stereo amplifier connector A (20P) No. 20 terminal and body ground, and between stereo amplifier connector B (14P) No. 14 terminal and body ground.

'06-08 models

STEREO AMPLIFIER CONNECTOR A (20P)



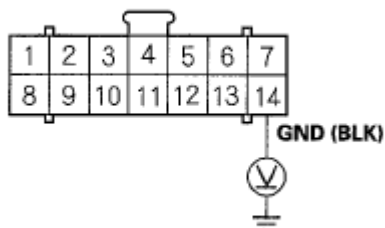
Wire side of female terminals

Fig. 55: Measuring Voltage Between Stereo Amplifier A (20P) Connector Terminal And Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

'06 model

STEREO AMPLIFIER CONNECTOR B (14P)



Wire side of female terminals

Fig. 56: Measuring Voltage Between Stereo Amplifier B (14P) Connector Terminal And Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there less than 0.1 V on both terminals?

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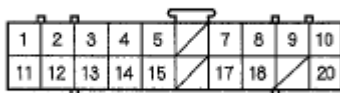
YES -Go to step 19.

NO -Repair open in the wire between stereo amplifier connector A (20P) No. 20 terminal or connector B (14P) No. 14 terminal and body ground, 2-door model (G505), 4-door model (G601).

19. Turn the ignition switch to LOCK (0).
20. Disconnect stereo amplifier connector A (20P).
21. Measure the resistance between the following terminals of stereo amplifier connector A (20P) according to the table.

SPEAKER TERMINALS REFERENCE

Speaker	Terminal	Wire color
Driver's door speaker	A3 (+)	LT GRN
	A13 (-)	PNK
Left tweeter	A4 (+)	RED
	A14 (-)	GRN
Front passenger's door speaker	A2 (+)	GRY
	A12 (-)	BRN
Right tweeter	A1 (+)	PNK
	A11 (-)	BLU
Left rear speaker	A8 (+)	YEL
	A18 (-)	BRN
Right rear speaker	A7 (+)	BLU
	A17 (-)	ORN
Subwoofer	A5 (+)	GRN
	A15 (-)	RED

STEREO AMPLIFIER CONNECTOR A (20P)

Wire side of female terminals

**Fig. 57: Measuring Resistance Between Stereo Amplifier A (20P)
Connector Terminals**

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there about 4 ohms?

YES -Go to step 22.

NO -Repair open or short in the wires between stereo amplifier and speaker(s).

22. Check for continuity between body ground and the following terminals of stereo amplifier connector A (20P).

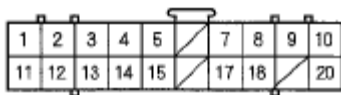
SPEAKER TERMINALS REFERENCE

Speaker	Terminal	Wire color
Driver's door speaker	A3 (+)	LT GRN
	A13 (-)	PNK
Left tweeter	A4 (+)	RED
	A14 (-)	GRN
Front passenger's door speaker	A2 (+)	GRY
	A12 (-)	BRN
Right tweeter	A1 (+)	PNK
	A11 (-)	BLU
Left rear speaker	A8 (+)	YEL
	A18 (-)	BRN
Right rear speaker	A7 (+)	BLU
	A17 (-)	ORN
Subwoofer	A5 (+)	GRN
	A15 (-)	RED

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STEREO AMPLIFIER CONNECTOR A (20P)



Wire side of female terminals

Fig. 58: Checking Continuity Between Stereo Amplifier A (20P) Connector Terminals And Body Ground
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there continuity?

YES -Repair short to body ground in the wire(s) between stereo amplifier and speaker(s).

NO -

- 2-door: Go to step 23.
- '08 4-door: Go to step 27.

23. Disconnect stereo amplifier connector B (14P).
24. Disconnect navigation unit connector A (17P).
25. Check for continuity between stereo amplifier connector B (14P) and body ground according to the table. Then check for continuity between the same terminals listed in the table and stereo amplifier connector B (14P) No. 2 terminal (the harness shield).

AMPLIFIER CONNECTOR REFERENCE

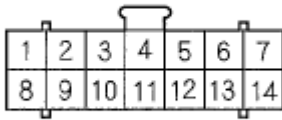
Amplifier connector	Wire color
B1	BLU
B3	BLK
B4	GRN
B6	BRN
B8	ORN
B10	WHT

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B11	RED
B13	YEL

STEREO AMPLIFIER CONNECTOR B (14P)



Wire side of female terminals

Fig. 59: Checking Continuity Between Stereo Amplifier B (14P) Connector Terminals And Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there continuity?

YES -Repair short in the wire between the stereo amplifier and the navigation unit. Replace the appropriate shielded harness.

NO -Go to step 26.

26. Check for continuity between navigation unit connector A and stereo amplifier connector B according to the table.

NAVIGATION UNIT CONNECTOR AND AMPLIFIER CONNECTOR REFERENCE

Navigation unit connector	Amplifier connector	Wire color
A2	B10	WHT
A3	B8	ORN
A7	B11	RED
A8	B13	YEL
A11	B3	BLK
A12	B1	BLU
A15	B4	GRN
A16	B6	BRN

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NAVIGATION UNIT CONNECTOR A (17P)

1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	

Wire side of female terminals

Fig. 60: Checking Continuity Between Navigation Unit A (17P) Connector Terminals And Body Ground
Courtesy of AMERICAN HONDA MOTOR CO., INC.

STEREO AMPLIFIER CONNECTOR B (14P)

1	2	3	4	5	6	7
8	9	10	11	12	13	14

Wire side of female terminals

Fig. 61: Checking Continuity Between Stereo Amplifier B (14P) Connector Terminals And Body Ground
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there continuity?

YES -Substitute a known-good navigation unit and recheck. If the symptom/indication goes away, replace the original navigation unit. If the symptom is still present, substitute a known-good stereo amplifier and recheck. If the symptom/indication goes away, replace the original stereo amplifier (see **STEREO AMPLIFIER REMOVAL/INSTALLATION**).

NO -Repair open in the wire(s) between the navigation unit and stereo amplifier.

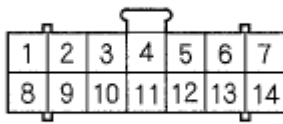
27. Disconnect stereo amplifier connector B (14P).
28. Disconnect navigation unit connector A (17P).
29. Check for continuity between stereo amplifier connector B (14P) and body ground according to the table. Then check for continuity between the same terminals listed in the table and stereo amplifier connector B (14P) No. 2

terminal (the harness shield).

AMPLIFIER CONNECTOR REFERENCE

Amplifier connector	Wire color
B1	BLU
B8	RED

STEREO AMPLIFIER CONNECTOR B (14P)



Wire side of female terminals

Fig. 62: Checking Continuity Between Stereo Amplifier B (14P) Connector Terminals And Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there continuity?

YES -Repair short in the wire between the stereo amplifier and the navigation unit. Replace the appropriate shielded harness.

NO -Go to step 30.

30. Check for continuity between navigation unit connector A and stereo amplifier connector B according to the table.

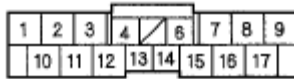
NAVIGATION UNIT CONNECTOR AND AMPLIFIER CONNECTOR REFERENCE

Navigation unit connector	Amplifier connector	Wire color
A3	B8	RED
A12	B1	BLU

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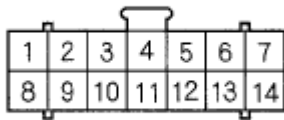
NAVIGATION UNIT CONNECTOR A (17P)



Wire side of female terminals

Fig. 63: Checking Continuity Between Navigation Unit A (17P) Connector Terminals And Body Ground
Courtesy of AMERICAN HONDA MOTOR CO., INC.

STEREO AMPLIFIER CONNECTOR B (14P)



Wire side of female terminals

Fig. 64: Checking Continuity Between Stereo Amplifier B (14P) Connector Terminals And Body Ground
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there continuity?

YES -Go to step 31.

NO -Repair open in the wire between the navigation unit and stereo amplifier.

31. Check for continuity between stereo amplifier connector B (14P) and body ground according to the table. Then check for continuity between the same terminals listed in the table and stereo amplifier connector B (14P) No. 5 terminal (the harness shield).

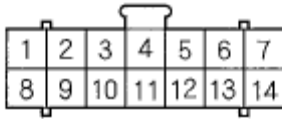
AMPLIFIER CONNECTOR REFERENCE

Amplifier connector	Wire color
B4	BLU
B11	PNK

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STEREO AMPLIFIER CONNECTOR B (14P)



Wire side of female terminals

Fig. 65: Checking Continuity Between Stereo Amplifier B (14P) Connector Terminals And Body Ground **Courtesy of AMERICAN HONDA MOTOR CO., INC.**

Is there continuity?

YES -Repair short in the wire between the stereo amplifier and the navigation unit. Replace the appropriate shielded harness.

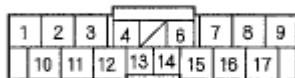
NO -Go to step 32.

32. Check for continuity between navigation unit connector A and stereo amplifier connector B according to the table.

NAVIGATION UNIT CONNECTOR AND AMPLIFIER CONNECTOR REFERENCE

Navigation unit connector	Amplifier connector	Wire color
A7	B11	PNK
A15	B4	BLU

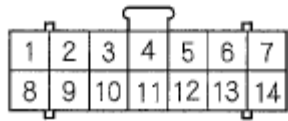
NAVIGATION UNIT CONNECTOR A (17P)



Wire side of female terminals

Fig. 66: Checking Continuity Between Navigation Unit A (17P) Connector Terminals And Body Ground **Courtesy of AMERICAN HONDA MOTOR CO., INC.**

STEREO AMPLIFIER CONNECTOR B (14P)



Wire side of female terminals

Fig. 67: Checking Continuity Between Stereo Amplifier B (14P) Connector Terminals And Body Ground
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there continuity?

YES -Go to step 33.

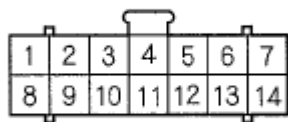
NO -Repair open in the wire between the navigation unit and stereo amplifier.

33. Check for continuity between stereo amplifier connector B (14P) and body ground according to the table. Then check for continuity between the same terminals listed in the table and stereo amplifier connector B (14P) No. 9 terminal (the harness shield).

AMPLIFIER CONNECTOR REFERENCE

Amplifier connector	Wire color
B3	BLK
B10	WHT

STEREO AMPLIFIER CONNECTOR B (14P)



Wire side of female terminals

Fig. 68: Checking Continuity Between Stereo Amplifier B (14P) Connector Terminals And Body Ground
Courtesy of AMERICAN HONDA MOTOR CO., INC.

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Is there continuity?

YES -Repair short in the wire between the stereo amplifier and the navigation unit. Replace the appropriate shielded harness.

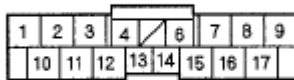
NO -Go to step 34.

34. Check for continuity between navigation unit connector A and stereo amplifier connector B according to the table.

NAVIGATION UNIT CONNECTOR AND AMPLIFIER CONNECTOR REFERENCE

Navigation unit connector	Amplifier connector	Wire color
A2	B10	WHT
A11	B3	BLK

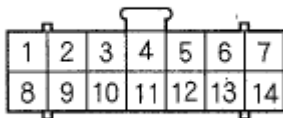
NAVIGATION UNIT CONNECTOR A (17P)



Wire side of female terminals

Fig. 69: Checking Continuity Between Navigation Unit A (17P) Connector Terminals And Body Ground
Courtesy of AMERICAN HONDA MOTOR CO., INC.

STEREO AMPLIFIER CONNECTOR B (14P)



Wire side of female terminals

Fig. 70: Checking Continuity Between Stereo Amplifier B (14P) Connector Terminals And Body Ground
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there continuity?

YES -Go to step 35.

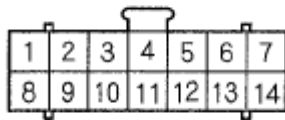
NO -Repair open in the wire between the navigation unit and stereo amplifier.

35. Check for continuity between stereo amplifier connector B (14P) and body ground according to the table. Then check for continuity between the same terminals listed in the table and stereo amplifier connector B (14P) No. 12 terminal (the harness shield).

AMPLIFIER CONNECTOR REFERENCE

Amplifier connector	Wire color
B6	LT GRN
B13	PUR

STEREO AMPLIFIER CONNECTOR B (14P)



Wire side of female terminals

Fig. 71: Checking Continuity Between Stereo Amplifier B (14P) Connector Terminals And Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there continuity?

YES -Repair short in the wire between the stereo amplifier and the navigation unit. Replace the appropriate shielded harness.

NO -Go to step 36.

36. Check for continuity between navigation unit connector A and stereo amplifier connector B according to the table.

NAVIGATION UNIT CONNECTOR AND AMPLIFIER CONNECTOR

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REFERENCE

Navigation unit connector	Amplifier connector	Wire color
A8	B13	PUR
A16	B6	LT GRN

NAVIGATION UNIT CONNECTOR A (17P)

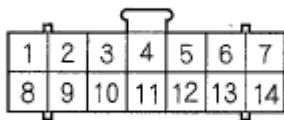


Wire side of female terminals

Fig. 72: Checking Continuity Between Navigation Unit A (17P) Connector Terminals And Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

STEREO AMPLIFIER CONNECTOR B (14P)



Wire side of female terminals

Fig. 73: Checking Continuity Between Stereo Amplifier B (14P) Connector Terminals And Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there continuity?

YES -Substitute a known-good navigation unit and recheck. If the symptom/indication goes away, replace the original navigation unit. If the symptom is still present, substitute a known-good stereo amplifier and recheck. If the symptom/indication goes away, replace the original stereo amplifier (see **STEREO AMPLIFIER REMOVAL/INSTALLATION**).

NO -Repair open in the wire between the navigation unit and stereo amplifier.

NO SOUND IS HEARD FROM SPEAKER(S) (DISPLAY IS NORMAL) (WITHOUT NAVIGATION)

NOTE:

- Check the vehicle battery condition first.
- Check the connectors for poor connections or loose terminals.
- Set the fader and balance positions to the center.
- Before performing symptom troubleshooting, do the power switch will not turn ON troubleshooting (see AUDIO UNIT POWER SWITCH WILL NOT TURN ON (NO INFORMATION DISPLAY AND NO SOUND) (WITHOUT NAVIGATION)).

1. Turn the ignition switch to ON (II).
2. Check that the volume button is not set to min level.

Is it at MIN level?

YES -Raise the volume level, and recheck the function.

NO -Go to step 3.

3. Do the speaker check mode in the self-diagnostic function (see SELF-DIAGNOSTIC FUNCTION).

Do any or all of the speakers fail to sound?

YES -Speaker(s) failed the test:

- If at least one speaker is OK, go to step 4.
- If all speakers fail to sound;
 - With premium sound system: Go to step 12.
 - Without premium sound system: Go to step 7.

NO -Speakers all work, but sound quality is poor:

- If the sound is poor only with AM or FM, go to POOR AM OR FM RADIO RECEPTION OR INTERFERENCE (see POOR AM OR FM RADIO RECEPTION OR INTERFERENCE (WITHOUT

NAVIGATION)).

- If the sound is poor only with disc.
 - Try several known- good disc in the audio unit.
 - If the sound quality is normal, the original disc is faulty.
 - If the sound quality is still poor, replace the audio unit.
- If the sound is poor in all modes, go to **SOUND QUALITY DIAGNOSIS** .

4. Turn the ignition switch to LOCK (0).
5. Remove the speaker(s) with no sound (see **SPEAKER REPLACEMENT**), and disconnect its connector.
6. Check the speaker 2P connector for a loose or poor connection.

Reconnect the speaker 2P connector and recheck the symptom; does it still fail?

YES -Go to step 7.

NO -Operation is normal.

7. Make sure turn the ignition switch is in LOCK (0).
8. Measure the resistance between the (+) and (-) terminal of the speaker connector.

Is there about 4 ohms?

YES -

- With premium sound system: Go to step 18.
- Without premium sound system: Go to step 9.

NO -Faulty speaker(s).

9. Remove the audio unit (see **AUDIO UNIT REMOVAL/INSTALLATION**). Disconnect audio unit connector A (17P).

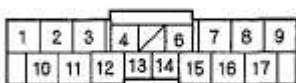
NOTE: Eject all the discs before removing the audio unit to prevent damaging the CD player's load mechanism.

10. Measure the resistance between the following terminals of audio unit connector A (17P).

SPEAKER TERMINALS REFERENCE

Speaker	Terminal	Wire color
Driver's door speaker, Left tweeter	A12 (+)	LT GRN
	A3 (-)	PNK
Front passenger's door speaker, Right tweeter	A15 (+)	GRY
	A7 (-)	BRN
Left rear speaker	A11 (+)	YEL
	A2 (-)	BRN
Right rear speaker	A16 (+)	BLU
	A8 (-)	ORN

AUDIO UNIT CONNECTOR A (17P)



Wire side of female terminals

Fig. 74: Measuring Resistance Between Audio Unit A (17P) Connector Terminals

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there about 4 ohms?

YES -Go to step 11.

NO -Repair open or short in the wires between audio unit and speaker(s).

11. Check for continuity between body ground and following terminals of audio unit connector A (17P).

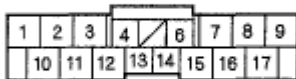
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SPEAKER TERMINALS REFERENCE

Speaker	Terminal	Wire color
Driver's door speaker, Left tweeter	A12 (+)	LT GRN
	A3 (-)	PNK
Front passenger's door speaker. Right tweeter	A15 (+)	GRY
	A7 (-)	BRN
Left rear speaker	A11 (+)	YEL
	A2 (-)	BRN
Right rear speaker	A16 (+)	BLU
	A8 (-)	ORN

AUDIO UNIT CONNECTOR A (17P)



Wire side of female terminals

Fig. 75: Checking Continuity Between Audio Unit A (17P) Connector Terminals And Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

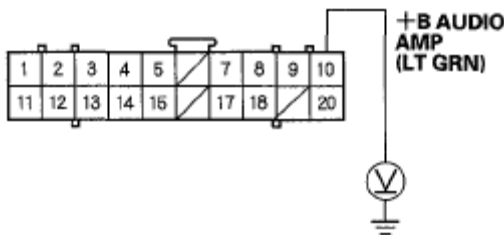
Is there continuity?

YES -Repair short to body ground in the wire(s) between the audio unit and speaker(s).

NO -Substitute a known-good audio unit and recheck. If the symptom/indication goes away, replace the original audio unit.

12. Measure the voltage between stereo amplifier connector A (20P) No. 10 terminal and body ground.

STEREO AMPLIFIER CONNECTOR A (20P)



Wire side of female terminals

Fig. 76: Measuring Voltage Between Stereo Amplifier A (20P) Connector Terminal And Body Ground
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there battery voltage?

YES -Go to step 13.

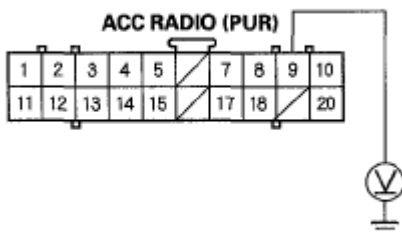
NO -

- '06 model: Repair open in the wire between No. 5 (15 A) fuse in the under-dash fuse/relay box and stereo amplifier connector A (20P) No. 10 terminal.
- '07-08 models: Repair open in the wire between No. 17 (15 A) fuse in the under-hood fuse/relay box and stereo amplifier connector A (20P) No. 10 terminal.

13. Turn the ignition switch to ON (II).

14. Measure the voltage between stereo amplifier connector A (20P) No. 9 terminal and body ground.

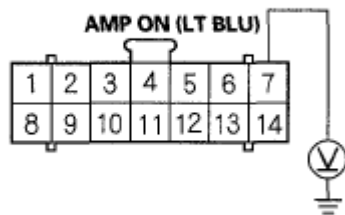
STEREO AMPLIFIER CONNECTOR A (20P)



Wire side of female terminals

Fig. 77: Measuring Voltage Between Stereo Amplifier A (20P) Connector Terminal And Body Ground**Courtesy of AMERICAN HONDA MOTOR CO., INC.***Is there battery voltage?***YES** -Go to step 15.**NO** -Repair open in the wire between No. 35 (7.5 A) fuse in the under-dash fuse/relay box and stereo amplifier connector A (20P) No. 9 terminal.

15. Measure the voltage between stereo amplifier connector B (14P) No. 7 terminal and body ground.

STEREO AMPLIFIER CONNECTOR B (14P)

Wire side of female terminals

Fig. 78: Measuring Voltage Between Stereo Amplifier B (14P) Connector Terminal And Body Ground**Courtesy of AMERICAN HONDA MOTOR CO., INC.***Is there battery voltage?***YES** -Go to step 16.**NO** -Repair open in the wire between the stereo amplifier connector B (14P) No. 7 terminal and audio unit connector B (20P) No. 16 terminal.

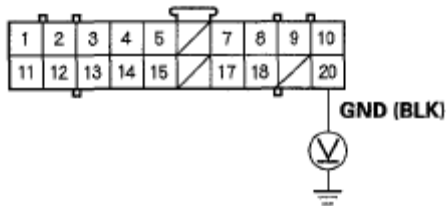
16. Measure the voltage between stereo amplifier connector A (20P) No. 20 terminal and body ground, and between stereo amplifier connector B (14P) No. 14 terminal and body ground.

'06-08 models

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STEREO AMPLIFIER CONNECTOR A (20P)



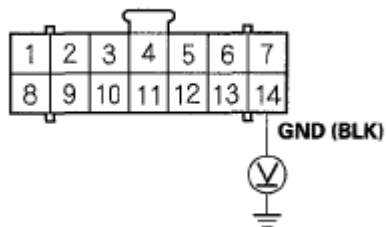
Wire side of female terminals

Fig. 79: Measuring Voltage Between Stereo Amplifier A (20P) Connector Terminal And Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

'06 model

STEREO AMPLIFIER CONNECTOR B (14P)



Wire side of female terminals

Fig. 80: Measuring Voltage Between Stereo Amplifier B (14P) Connector Terminal And Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there less than 0.1 V on both terminals?

YES -Go to step 17.

NO -Repair open in the wire between stereo amplifier connector A (20P) No. 20 terminal or connector B (14P) No. 14 terminal and body ground, 2-door model (G505), 4-door model (G601).

17. Turn the ignition switch to LOCK (0).
18. Disconnect stereo amplifier connector A (20P).

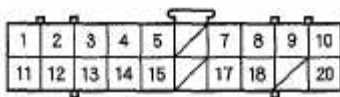
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19. Measure the resistance between the following terminals of stereo amplifier connector A (20P) according to the table.

SPEAKER TERMINALS REFERENCE

Speaker	Terminal	Wire color
Driver's door speaker	A3 (+)	LT GRN
	A13 (-)	PNK
Left tweeter	A4 (+)	RED
	A14 (-)	GRIM
Front passenger's door speaker	A2 (+)	GRY
	A12 (-)	BRN
Right tweeter	A1 (+)	PNK
	A11 (-)	BLU
Left rear speaker	A8 (+)	YEL
	A18 (-)	BRN
Right rear speaker	A7 (+)	BLU
	A17 (-)	ORN
Subwoofer	A5 (+)	GRN
	A15 (-)	RED

STEREO AMPLIFIER CONNECTOR A (20P)

Wire side of female terminals

Fig. 81: Measuring Voltage Between Stereo Amplifier A (20P) Connector Terminal And Body Ground**Courtesy of AMERICAN HONDA MOTOR CO., INC.***Is there about 4 ohms?***YES** -Go to step 20.

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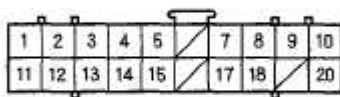
NO -Repair open or short in the wires between stereo amplifier and speaker(s).

20. Check for continuity between body ground and the following terminals of stereo amplifier connector A (20P).

SPEAKER TERMINALS REFERENCE

Speaker	Terminal	Wire color
Driver's door speaker	A3 (+)	LT GRN
	A13 (-)	PNK
Left tweeter	A4 (+)	RED
	AH (-)	GRN
Front passenger's door speaker	A2 (+)	GRY
	A12 (-)	BRN
Right tweeter	A1 (+)	PNK
	A11 (-)	BLU
Left rear speaker	A8 (+)	YEL
	A18 (-)	BRN
Right rear speaker	A7 (+)	BLU
	A17 (-)	ORN
Subwoofer	A5 (+)	GRN
	A15 (-)	RED

STEREO AMPLIFIER CONNECTOR A (20P)



Wire side of female terminals

Fig. 82: Measuring Voltage Between Stereo Amplifier A (20P) Connector Terminal And Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there continuity?

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YES -Repair short to body ground in the wire(s) between stereo amplifier and speaker(s).

NO -

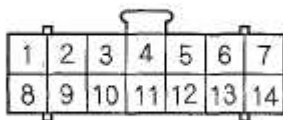
- 2-door: Go to step 21.
- '08 4-door: Go to step 25.

21. Disconnect stereo amplifier connector B (14P).
22. Disconnect audio unit connector A (17P).
23. Check for continuity between stereo amplifier connector B (14P) and body ground according to the table. Then check for continuity between the same terminals listed in the table and stereo amplifier connector B (14P) No. 2 terminal (the harness shield).

AMPLIFIER CONNECTOR REFERENCE

Amplifier connector	Wire color
B1	BLU
B3	BLK
B4	GRN
B6	BRN
B8	ORN
B10	WHT
B11	RED
B13	YEL

STEREO AMPLIFIER CONNECTOR B (14P)



Wire side of female terminals

Fig. 83: Measuring Voltage Between Stereo Amplifier B (14P) Connector Terminal And Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

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Is there continuity?

YES -Repair short in the wire between the stereo amplifier and the audio unit.
Replace the appropriate shielded harness.

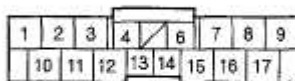
NO -Go to step 24.

24. Check for continuity between audio unit connector A and stereo amplifier connector B according to the table.

AUDIO UNIT CONNECTOR AND AMPLIFIER CONNECTOR REFERENCE

Audio unit connector	Amplifier connector	Wire color
A2	B10	WHT
A3	B8	ORN
A7	B11	RED
A8	B13	YEL
A11	B3	BLK
A12	B1	BLU
A15	B4	GRN
A16	B6	BRN

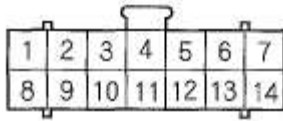
NAVIGATION UNIT CONNECTOR A (17P)



Wire side of female terminals

Fig. 84: Checking Continuity Between Navigation Unit A (17P) Connector Terminals And Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

STEREO AMPLIFIER CONNECTOR B (14P)

Wire side of female terminals

Fig. 85: Checking Continuity Between Stereo Amplifier B (14P) Connector Terminals And Body Ground**Courtesy of AMERICAN HONDA MOTOR CO., INC.***Is there continuity?*

YES -Substitute a known-good audio unit and recheck. If the symptom/indication goes away, replace the original audio unit. If symptom is still present, substitute a known-good stereo amplifier and recheck. If the symptom/indication goes away, replace the original stereo amplifier (see **STEREO AMPLIFIER REMOVAL/INSTALLATION**).

NO -Repair open in the wire between the audio unit and stereo amplifier.

25. Disconnect audio unit connector A (17P).
26. Check for continuity between stereo amplifier connector B (14P) and body ground according to the table. Then check for continuity between the same terminals listed in the table and stereo amplifier connector B (14P) No. 2 terminal (the harness shield).

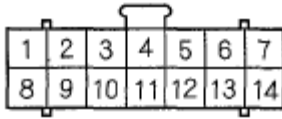
AMPLIFIER CONNECTOR REFERENCE

Amplifier connector	Wire color
B1	BLU
B8	RED

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STEREO AMPLIFIER CONNECTOR B (14P)



Wire side of female terminals

Fig. 86: Checking Continuity Between Stereo Amplifier B (14P) Connector Terminals And Body Ground
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there continuity?

YES -Repair short in the wire between the stereo amplifier and the audio unit.
Replace the appropriate shielded harness.

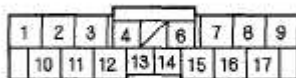
NO -Go to step 27.

27. Check for continuity between audio unit connector A and stereo amplifier connector B according to the table.

AUDIO UNIT CONNECTOR AND AMPLIFIER CONNECTOR REFERENCE

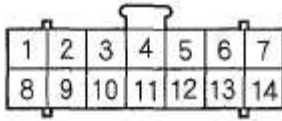
Audio unit connector	Amplifier connector	Wire color
A3	B8	RED
A12	B1	BLU

AUDIO UNIT CONNECTOR A (17P)



Wire side of female terminals

Fig. 87: Checking Continuity Between Audio Unit A (17P) Connector Terminals And Body Ground
Courtesy of AMERICAN HONDA MOTOR CO., INC.

STEREO AMPLIFIER CONNECTOR B (14P)

Wire side of female terminals

Fig. 88: Checking Continuity Between Stereo Amplifier B (14P) Connector Terminals And Body Ground
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there continuity?

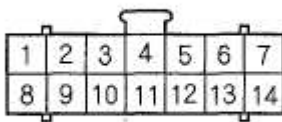
YES -Go to step 28.

NO -Repair open in the wire between the audio unit and stereo amplifier.

28. Check for continuity between stereo amplifier connector B (14P) and body ground according to the table. Then check for continuity between the same terminals listed in the table and stereo amplifier connector B (14P) No. 5 terminal (the harness shield).

AMPLIFIER CONNECTOR REFERENCE

Amplifier connector	Wire color
B4	BLU
B11	PNK

STEREO AMPLIFIER CONNECTOR B (14P)

Wire side of female terminals

Fig. 89: Checking Continuity Between Stereo Amplifier B (14P) Connector Terminals And Body Ground
Courtesy of AMERICAN HONDA MOTOR CO., INC.

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Is there continuity?

YES -Repair short in the wire between the stereo amplifier and the audio unit.
Replace the appropriate shielded harness.

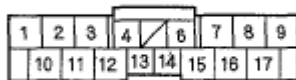
NO -Go to step 29.

29. Check for continuity between audio unit connector A and stereo amplifier connector B according to the table.

AUDIO UNIT CONNECTOR AND AMPLIFIER CONNECTOR REFERENCE

Audio unit connector	Amplifier connector	Wire color
A7	B11	PNK
A15	B4	BLU

AUDIO UNIT CONNECTOR A (17P)

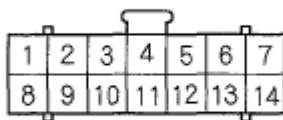


Wire side of female terminals

Fig. 90: Checking Continuity Between Audio Unit A (17P) Connector Terminals And Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

STEREO AMPLIFIER CONNECTOR B (14P)



Wire side of female terminals

Fig. 91: Checking Continuity Between Stereo Amplifier B (14P) Connector Terminals And Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there continuity?

YES -Go to step 30.

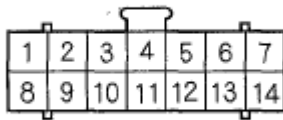
NO -Repair open in the wire between the audio unit and stereo amplifier.

30. Check for continuity between stereo amplifier connector B (14P) and body ground according to the table. Then check for continuity between the same terminals listed in the table and stereo amplifier connector B (14P) No. 9 terminal (the harness shield).

AMPLIFIER CONNECTOR REFERENCE

Amplifier connector	Wire color
B3	BLK
B10	WHT

STEREO AMPLIFIER CONNECTOR B (14P)



Wire side of female terminals

Fig. 92: Checking Continuity Between Stereo Amplifier B (14P) Connector Terminals And Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there continuity?

YES -Repair short in the wire between the stereo amplifier and the audio unit. Replace the appropriate shielded harness.

NO -Go to step 31.

31. Check for continuity between audio unit connector A and stereo amplifier connector B according to the table.

AUDIO UNIT CONNECTOR AND AMPLIFIER CONNECTOR

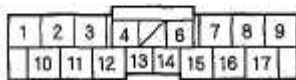
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REFERENCE

Audio unit connector	Amplifier connector	Wire color
A2	B10	WHT
A11	B3	BLK

AUDIO UNIT CONNECTOR A (17P)

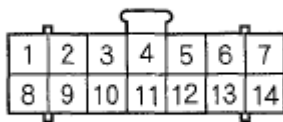


Wire side of female terminals

Fig. 93: Checking Continuity Between Audio Unit A (17P) Connector Terminals

Courtesy of AMERICAN HONDA MOTOR CO., INC.

STEREO AMPLIFIER CONNECTOR B (14P)



Wire side of female terminals

Fig. 94: Checking Continuity Between Stereo Amplifier B (14P) Connector Terminals

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there continuity?

YES -Go to step 32.

NO -Repair open in the wire between the audio unit and stereo amplifier.

32. Check for continuity between stereo amplifier connector B (14P) and body ground according to the table. Then check for continuity between the same terminals listed in the table and stereo amplifier connector B (14P) No. 12 terminal (the harness shield).

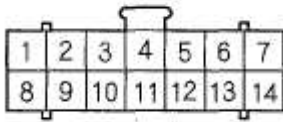
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AMPLIFIER CONNECTOR REFERENCE

Amplifier connector	Wire color
B6	LT GRN
B13	PUR

STEREO AMPLIFIER CONNECTOR B (14P)



Wire side of female terminals

Fig. 95: Checking Continuity Between Stereo Amplifier B (14P) Connector Terminals And Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there continuity?

YES -Repair short in the wire between the stereo amplifier and the audio unit.
Replace the appropriate shielded harness.

NO -Go to step 33.

33. Check for continuity between audio unit connector A and stereo amplifier connector B according to the table.

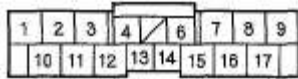
AUDIO UNIT CONNECTOR AND AMPLIFIER CONNECTOR REFERENCE

Audio unit connector	Amplifier connector	Wire color
A8	B13	PUR
A16	B6	LT GRN

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AUDIO UNIT CONNECTOR A (17P)

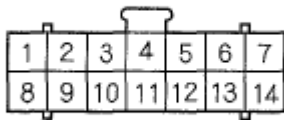


Wire side of female terminals

Fig. 96: Checking Continuity Between Audio Unit A (17P) Connector Terminals

Courtesy of AMERICAN HONDA MOTOR CO., INC.

STEREO AMPLIFIER CONNECTOR B (14P)



Wire side of female terminals

Fig. 97: Checking Continuity Between Stereo Amplifier B (14P) Connector Terminals

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there continuity?

YES -Substitute a known-good audio unit and recheck. If the symptom/indication goes away, replace the original audio unit. If symptom is still present, substitute a known-good stereo amplifier and recheck. If the symptom/indication goes away, replace the original stereo amplifier (see **STEREO AMPLIFIER REMOVAL/INSTALLATION**).

NO -Repair open in the wire between the audio unit and stereo amplifier.

AUXILIARY INPUT SOUND IS LOW OR CANNOT BE HEARD

NOTE:

- Check the vehicle battery condition first.
- Check the connectors for poor connections or loose terminals.
- Use auxiliary stereo cables with 3.5 mm ends only.

- **Auxiliary accessories may be played on the audio unit using the auxiliary input.**

1. Turn the ignition switch to ON (II).
2. Turn on the audio unit or navigation unit and connect an auxiliary accessory to the auxiliary input jack.
3. Check the volume operation.

Is the sound normal?

YES -Operation is normal at this time.

NO -Go to step 4.

4. Make sure the auxiliary accessory volume is set to high.

Is the volume set to high?

YES -Go to step 5.

NO -Raise the auxiliary accessory volume is set to high. Make sure the audio unit volume is turned down before retesting.

5. Substitute a known-good auxiliary audio accessory and/or auxiliary stereo cable and recheck.

Does the auxiliary audio accessory operate properly?

YES -Original auxiliary audio accessory or auxiliary stereo cable is faulty.

NO -Go to step 6.

6. Turn the ignition switch to LOCK (0).
7. Remove the auxiliary jack assembly (see **AUXILIARY JACK ASSEMBLY REPLACEMENT**), and check that the auxiliary jack assembly is properly connected.

Is the auxiliary jack assembly connected properly?

YES -

- With navigation: go to step 8.
- Without navigation: go to step 13.

NO -Reconnect the connector, and recheck the function.

8. Disconnect auxiliary jack assembly 5P connector.
9. Disconnect navigation unit connector B (22P).
10. Check for continuity between body ground and navigation unit connector B (22P) according to the table.

NAVIGATION UNIT CONNECTOR AND AMPLIFIER CONNECTOR REFERENCE

Navigation unit connector	Wire color
B1	BRN
B3	BLU
B11	YEL
B12	GRN
B13	WHT

NAVIGATION UNIT CONNECTOR B (22P)



Wire side of female terminals

Fig. 98: Checking Continuity Between Navigation Unit B (22P) Connector Terminals And Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there continuity?

YES -Short to body ground in the wire(s) between navigation unit and auxiliary jack assembly. Replace the affected shielded harness.

NO -Go to step 11.

11. Check for continuity between navigation unit connector B (22P) according to the table.

TERMINALS REFERENCE

From terminal	To terminals
B1	B2 ⁽¹⁾ , B3, B11, B12, B13
B2 ⁽¹⁾	B3, B11, B12, B13
B3	B11, B12, B13
B11	B12, B13
B12	B13
(1) Shielded wire	

NAVIGATION UNIT CONNECTOR B (22P)



Wire side of female terminals

Fig. 99: Checking Continuity Between Navigation Unit B (22P) Connector Terminals

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there continuity?

YES -Short in the wire(s) between navigation unit and auxiliary jack assembly. Replace the affected shielded harness.

NO -Go to step 12.

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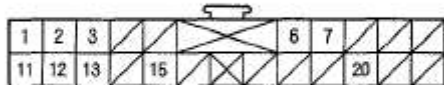
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12. Check for continuity between navigation unit connector B (22P) and auxiliary jack assembly 5P connector according to the table.

NAVIGATION UNIT CONNECTOR AND AUXILIARY JACK ASSEMBLY CONNECTOR REFERENCE

Navigation unit connector	Auxiliary jack assembly connector	Wire color
B1	3	BRN
B3	2	BLU
B11	4	YEL
B12	5	GRN
B13	1	WHT

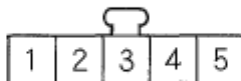
NAVIGATION UNIT CONNECTOR B (22P)



Wire side of female terminals

Fig. 100: Checking Continuity Between Navigation Unit B (22P) Connector Terminals
Courtesy of AMERICAN HONDA MOTOR CO., INC.

AUXILIARY JACK ASSEMBLY 5P CONNECTOR



Wire side of female terminals

Fig. 101: Checking Continuity Between Auxiliary Jack Assembly 5P Connector Terminals
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there continuity?

YES -Substitute a known-good auxiliary jack assembly and recheck. If the

symptom/indication goes away, replace the original auxiliary jack assembly. If the symptom/indication is still present, replace the navigation unit (see **NAVIGATION UNIT REMOVAL/INSTALLATION**).

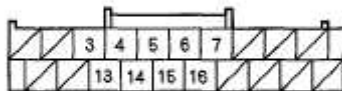
NO -Open in the wire(s) between navigation unit and auxiliary jack assembly. Replace affected shielded harness.

13. Disconnect auxiliary jack assembly 5P connector.
14. Disconnect audio unit connector B (22P).
15. Check for continuity between body ground and audio unit connector B (20P) according to the table.

AUDIO UNIT CONNECTOR REFERENCE

Audio unit connector	Wire color
B3	BRN
B5	BLU
B13	YEL
B14	GRN
B15	WHT

AUDIO UNIT CONNECTOR B (20P)



Wire side of female terminals

Fig. 102: Checking Continuity Between Audio Unit B (20P) Connector Terminals And Body Ground
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there continuity?

YES -Short to body ground in the wire(s) between audio unit and auxiliary jack assembly. Replace the affected shielded harness.

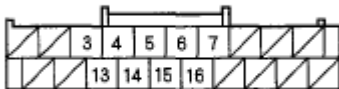
NO -Go to step 16.

16. Check for continuity between audio unit connector B (20P) according to the table.

TERMINALS REFERENCE

From terminal	To terminals
B3	B4 ⁽¹⁾ , B5, B13, B14, B15
B4 ⁽¹⁾	B5, B13, B14, B15
B5	B13, B14, B15
B13	B14, B15
B14	B15
(1) Shielded wire	

AUDIO UNIT CONNECTOR B (20P)



Wire side of female terminals

Fig. 103: Checking Continuity Between Audio Unit B (20P) Connector Terminals

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there continuity?

YES -Short in the wire(s) between navigation unit and auxiliary jack assembly.
Replace the affected shielded harness.

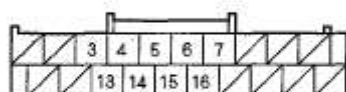
NO -Go to step 17.

17. Check for continuity between audio unit connector B (20P) and auxiliary jack assembly 5P connector according to the table.

AUDIO UNIT CONNECTOR AND AUXILIARY JACK ASSEMBLY CONNECTOR REFERENCE

Audio unit connector	Auxiliary jack assembly connector	Wire color
B3	3	BRN
B5	2	BLU
B13	4	YEL
B14	5	GRN
B15	1	WHT

AUDIO UNIT CONNECTOR B (20P)

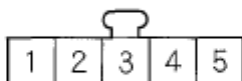


Wire side of female terminals

Fig. 104: Checking Continuity Between Audio Unit B (20P) Connector Terminals

Courtesy of AMERICAN HONDA MOTOR CO., INC.

AUXILIARY JACK ASSEMBLY 5P CONNECTOR



Wire side of female terminals

Fig. 105: Checking Continuity Between Auxiliary Jack Assembly 5P Connector Terminals

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there continuity?

YES -Substitute a known-good auxiliary jack assembly and recheck. If the symptom/indication goes away, replace the original auxiliary jack assembly. If the symptom/indication is still present, replace the audio unit (see **AUDIO UNIT REMOVAL/INSTALLATION**).

NO -Open in the wire(s) between navigation unit and auxiliary jack assembly.
Replace affected shielded harness.

**POOR OR NO SOUND WITH XM RADIO (NAVIGATION UNIT CAN DISPLAY XM CHANNELS)
(WITH NAVIGATION)**

NOTE:

- **Check the vehicle battery condition first.**
- **Check the connectors for poor connections or loose terminals.**
- **Check the radio reception in an open area. Compare it to a known-good vehicle whenever possible. Poor reception/interference can be caused by tall buildings, mountains, or high-voltage power lines that are nearby.**
- **If you can only tune to channels 000, 001, 174, and 247, make sure the audio unit is set to the channel mode (see owner's manual), if it is set to channel mode, call XM satellite radio customer support and check the account activation status.**

1. Turn the ignition switch to ON (II).
2. Turn on the navigation unit and select XM radio.
3. Check for an error message on the display.

Are there any messages displayed?

YES -Go to **ERROR CODE LIST** .

NO -Go to step 4.

4. Turn the ignition switch to LOCK (0).
5. Disconnect navigation unit connector E (14P) and XM receiver connector A (14P).
6. Check for continuity between navigation connector E (14P) and body ground according to the table. Then check for continuity between the same terminals listed in the table and navigation unit connector E (14P) No. 4 terminal (the

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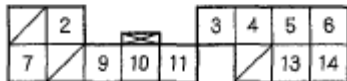
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harness shield).

NAVIGATION UNIT CONNECTOR REFERENCE

Navigation unit connector	Wire color
E6	RED
E14	GRN
E5	WHT
E13	BLK

NAVIGATION UNIT CONNECTOR E (14P)



Wire side of female terminals

Fig. 106: Checking Continuity Between Navigation E (14P) Connector Terminals And Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there continuity?

YES -Short in the wire(s) between navigation unit and XM receiver. Replace the affected shielded harness.

NO -Go to step 7.

7. Check for continuity between navigation unit connector E (14P) and XM receiver connector A (14P) according to the table.

NAVIGATION UNIT CONNECTOR AND XM RECEIVER CONNECTOR REFERENCE

Navigation unit connector	XM receiver connector	Wire color
E5	A5	WHT
E6	A6	RED
E13	A13	BLK

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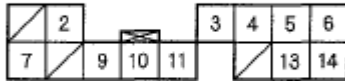
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E14

A14

GRN

NAVIGATION UNIT CONNECTOR E (14P)

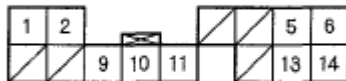


Wire side of female terminals

Fig. 107: Checking Continuity Between Navigation Unit E (14P) Connector Terminals

Courtesy of AMERICAN HONDA MOTOR CO., INC.

XM RECEIVER CONNECTOR A (14P)



Wire side of female terminals

Fig. 108: Checking Continuity Between XM Receiver A (14P) Connector Terminals

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there continuity?

YES -Substitute a known-good XM receiver, then reconnect the all connectors and recheck. If the symptom/indication goes away, replace the original XM receiver. If the symptom/indication is still present, replace the navigation unit (see **NAVIGATION UNIT REMOVAL/INSTALLATION**).

NO -Repair open in the wire between the navigation unit and the XM receiver.

XM RADIO DISPLAY IS BLANK AND NO STATION INFORMATION IS DISPLAYED (WITH NAVIGATION)

NOTE:

- Check the vehicle battery condition first.
- Check the connectors for poor connections or loose

terminals.

1. Measure the voltage between XM receiver connector A (14P) No. 1 terminal and body ground.

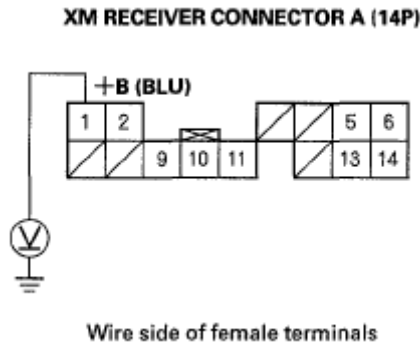


Fig. 109: Measuring Voltage Between XM Receiver A (14P) Connector Terminal And Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there battery voltage?

YES -Go to step 2.

NO -Repair open in the wire between No. 23 (10 A) fuse in the under-hood fuse/relay box and XM receiver connector A (14P) No. 1 terminal.

2. Turn the ignition switch to ON (II).
3. Measure the voltage between XM receiver connector A (14P) No. 11 terminal and body ground.

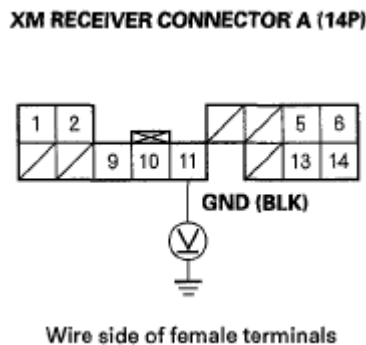
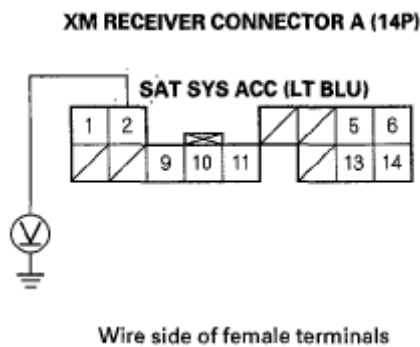


Fig. 110: Measuring Voltage Between XM Receiver A (14P) Connector

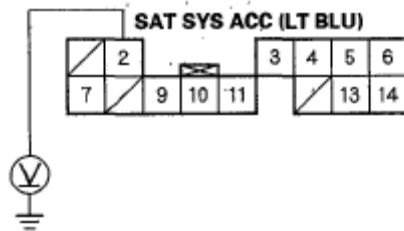
Terminal And Body Ground**Courtesy of AMERICAN HONDA MOTOR CO., INC.***Is there less than 0.1 V?***YES** -Go to step 4.**NO** -Repair open in the wire between the XM receiver connector A (14P) No. 1 terminal and navigation unit connector E (14P) No. 11 terminal.

4. Turn the ignition switch to LOCK (0).
5. Measure the voltage between XM receiver connector A (14P) No. 2 terminal and body ground.

**Fig. 111: Measuring Voltage Between XM Receiver A (14P) Connector Terminal And Body Ground****Courtesy of AMERICAN HONDA MOTOR CO., INC.***Is there 10 V or more present?***YES** -Go to step 7.**NO** -Go to step 6.

6. Measure the voltage between navigation unit connector E (14P) No. 2 terminal and body ground.

NAVIGATION UNIT CONNECTOR E (14P)



Wire side of female terminals

Fig. 112: Measuring Voltage Between Navigation Unit E (14P) Connector Terminal And Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

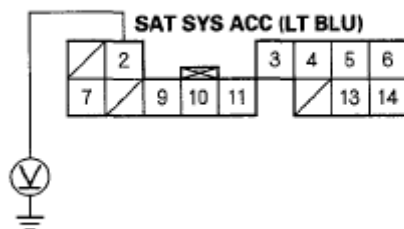
Is there 10 V or more present?

YES -Repair open or short to body ground in the wire between the navigation unit and XM receiver.

NO -Substitute a known-good navigation unit and recheck. If 10 V or more are present, replace the original navigation unit.

7. Turn the ignition switch to ON (II).
8. Measure voltage between the navigation unit connector E (14P) No. 2 terminal and body ground.

NAVIGATION UNIT CONNECTOR E (14P)



Wire side of female terminals

Fig. 113: Measuring Voltage Between Navigation Unit E (14P) Connector Terminal And Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there less than 0.5 V?

YES -Go to step 9.

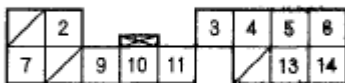
NO -# Substitute a known-good navigation unit (see **NAVIGATION UNIT REMOVAL/INSTALLATION**) and recheck. If 0.5 V or less are present, replace the original navigation unit.

9. Turn the ignition switch to LOCK (0).
10. Disconnect navigation unit connector E (14P) and XM receiver connector A (14P).
11. Check for continuity between navigation unit connector E (14P) and body ground according to the table. Then check for continuity between the same terminals listed in the table and navigation unit connector E (14P) No. 3 terminal (the harness shield).

NAVIGATION UNIT CONNECTOR REFERENCE

Navigation unit connector	Wire ester
E9	BLU
E10	PNK

NAVIGATION UNIT CONNECTOR E (14P)



Wire side of female terminals

Fig. 114: Checking Continuity Between Navigation Unit E (14P) Connector Terminals And Body Ground
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there continuity?

YES -Short to body ground in the wire(s) between navigation unit and XM receiver. Replace the affected shielded harness.

NO -Go to step 12.

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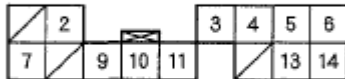
2006-08 ACCESSORIES & EQUIPMENT Audio System - Civic (Except Hybrid)

12. Check for continuity between navigation unit connector E (14P) and XM receiver connector A (14P) according to the table.

NAVIGATION UNIT CONNECTOR AND XM RECEIVER CONNECTOR REFERENCE

Navigation unit connector	XM receiver connector	Wire color
E9	A9	BLU
E10	A10	PNK

NAVIGATION UNIT CONNECTOR E (14P)

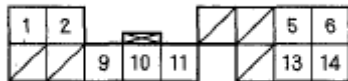


Wire side of female terminals

Fig. 115: Checking Continuity Between Navigation Unit E (14P) Connector Terminals

Courtesy of AMERICAN HONDA MOTOR CO., INC.

XM RECEIVER CONNECTOR A (14P)



Wire side of female terminals

Fig. 116: Checking Continuity Between XM Receiver Connector A (14P) Connector Terminals

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there continuity?

YES -Substitute a known-good XM receiver, then reconnect all connectors and recheck. If the symptom/indication goes away, replace the original XM receiver. If symptom/indication is still present, replace the navigation unit (see **NAVIGATION UNIT REMOVAL/INSTALLATION**).

NO -Open in the wire(s) between navigation unit and XM receiver. Replace the affected shielded harness.

AUDIO SYSTEM SOUND IS WEAK OR DISTORTED (DISPLAY IS NORMAL)

NOTE:

- **Check the vehicle battery condition first.**
- **Check the connectors for poor connections or loose terminals.**

1. Check for sound in each mode (AM, FM, XM, and CD).

Is there sound from the speakers, and is the sound quality normal in each mode?

YES -Intermittent failure. The system is OK at this time. Check for loose connections at the navigation unit, audio unit, amplifier, and each speaker.

NO -Speakers all work, sound quality is poor.

- If the sound quality is poor only with the XM radio, or the XM radio does not function, go to **POOR OR NO SOUND WITH XM RADIO** .
- If the sound quality is poor only with AM or FM radio, go to **POOR AM OR FM RADIO RECEPTION OR INTERFERENCE** .
- If sound is poor in all modes, go to **SOUND QUALITY DIAGNOSIS** .

NAVIGATION UNIT BUTTON ILLUMINATION DOES NOT WORK (WITH NAVIGATION)

NOTE:

- **Check the vehicle battery condition first.**
- **Check the connectors for poor connections or loose terminals.**

1. Turn the ignition switch to ON (II).
2. Turn the combination lighting switch to the parking light position.
3. Check the illumination of the navigation unit buttons.

Are the buttons illuminated?

YES -Intermittent problem: the navigation unit is OK at this time. Check for loose or poor connections at the navigation unit connector A (17P).

NO -Go to step 4.

4. Check the illumination of several other buttons not related to the navigation system.

Are the buttons illuminated?

YES -Go to step 5.

NO -Troubleshoot the interior lights. Start by checking the No. 14 (7.5 A) fuse in the under-dash fuse/relay box. If the fuse is OK, check for an open in the wire between the under-dash fuse/relay box and the navigation unit.

5. Turn the ignition switch to LOCK (0).
6. Disconnect navigation unit connector A (17P).

NOTE: Eject all the discs before removing the navigation unit to prevent damaging the CD player's load mechanism.

7. Disconnect gauge control module (tach) 36P connector.
8. Check for continuity between navigation unit connector A (17P) No. 1 terminal and gauge control module (tach) 36P connector No. 14 terminal.

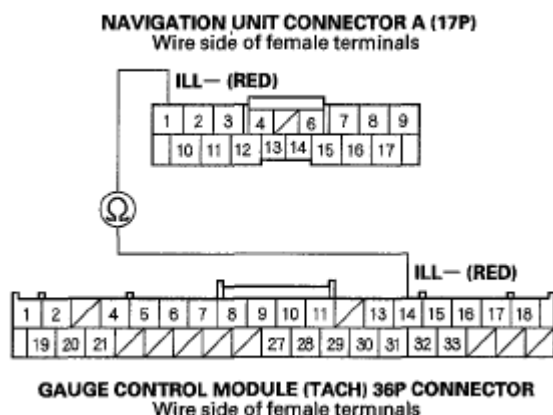
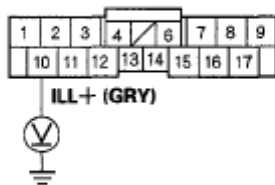


Fig. 117: Checking Continuity Between Navigation Unit A (17P)

Connector Terminal And Gauge Control Module (Tach) 36P Connector Terminal**Courtesy of AMERICAN HONDA MOTOR CO., INC.***Is there continuity?***YES** -Go to step 9.**NO** -Repair open in the wire between the gauge control module and the navigation unit.

9. Turn the ignition switch to ON (II).
10. With the headlight switch still on, measure the voltage between navigation unit connector A (17P) No. 10 terminal and body ground.

NAVIGATION UNIT CONNECTOR A (17P)**Wire side of female terminals****Fig. 118: Measuring Voltage Between Navigation Unit A (17P) Connector Terminal And Body Ground****Courtesy of AMERICAN HONDA MOTOR CO., INC.***Is there battery voltage?***YES** -Check the connections at navigation unit connector A (17P). If all connections are OK, replace the navigation unit (see **NAVIGATION UNIT REMOVAL/INSTALLATION**).**NO** -Repair open in the wire between the under-dash fuse/relay box and the navigation unit.**AUDIO UNIT BUTTON ILLUMINATION DOES NOT WORK (WITHOUT NAVIGATION)**

- NOTE:**
- **Check the vehicle battery condition first.**
 - **Check the connectors for poor connections or loose terminals.**

1. Turn the ignition switch to ON (II).
2. Turn the combination lighting switch to the parking light position.
3. Check the illumination of the audio unit buttons.

Are the buttons illuminated?

YES -Intermittent problem: the audio unit is OK at this time. Check for loose or poor connections at the audio unit connector A (17P).

NO -Go to step 4.

4. Check the illumination of several other buttons not related to the audio system.

Are the buttons illuminated?

YES -Go to step 5.

NO -Troubleshoot the interior lights. Start by checking the No. 14 (7.5 A) fuse in the under-dash fuse/relay box. If the fuse is OK, check for an open in the wire between the under-dash fuse/relay box and the audio unit.

5. Turn the ignition switch to LOCK (0).
6. Disconnect audio unit connector A (17P).

NOTE: **Eject all the discs before removing the audio unit to prevent the CD player's load mechanism.**

7. Disconnect gauge control module (tach) 36P connector.
8. Check for continuity between audio unit connector A (17P) No. 1 terminal and gauge control module (tach) 36P connector No. 14 terminal.

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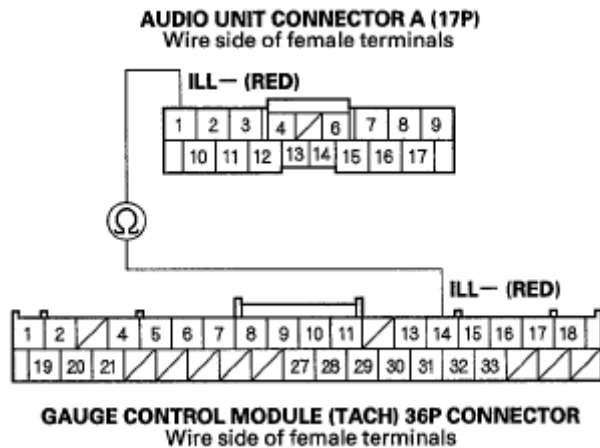


Fig. 119: Checking Continuity Between Audio Unit A (17P) Connector Terminal And Gauge Control Module (Tach) 36P Connector Terminal
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there continuity?

YES -Go to step 9.

NO -Repair open in the wire between the gauge control module and the audio unit.

9. Turn the ignition switch to ON (II).
10. With the headlight switch still on, measure the voltage between audio unit connector A (17P) No. 10 terminal and body ground.

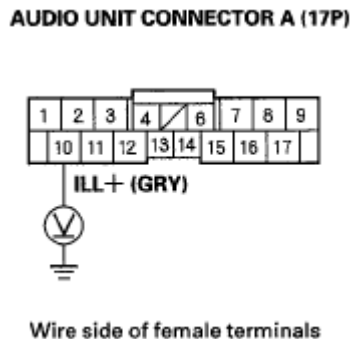


Fig. 120: Measuring Voltage Between Audio Unit A (17P) Connector Terminal And Body Ground
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there battery voltage?

YES -Check the connections at audio unit connector A (17P). If all the connections are OK, replace the audio unit (see **AUDIO UNIT REMOVAL/INSTALLATION**).

NO -Repair open in the wire between the under-dash fuse/relay box and the audio unit.

RADIO PRESET MEMORY IS LOST

NOTE: If only the XM stations are lost, go to **XM RADIO PRESET MEMORY IS LOST** .

1. Set each of the radio station preset buttons.

Do each of the buttons set properly?

YES -Go to step 2.

NO -

- With navigation: Replace the navigation unit (see **NAVIGATION UNIT REMOVAL/INSTALLATION**).
 - Without navigation: Replace the audio unit (see **AUDIO UNIT REMOVAL/INSTALLATION**).
2. Turn the ignition switch to LOCK (0) for 1 minute, then turn it back to ON (II).
 3. Test the preset buttons for proper recall operation.

Do the preset buttons recall the set radio stations?

YES -System is normal at this time. Check the connections at the navigation unit or audio unit.

NO -

- With navigation: Replace the navigation unit (see **NAVIGATION UNIT REMOVAL/INSTALLATION**).

- Without navigation: Replace the audio unit (see **AUDIO UNIT REMOVAL/INSTALLATION**).

XM RADIO PRESET MEMORY IS LOST (WITH NAVIGATION)

NOTE: If you can only tune to channels 000,001,174, and 247, make sure the audio unit is set to the channel mode (see owner's manual), if it is set to channel mode, call XM satellite radio customer support and check the account activation status.

1. Turn the ignition switch to ON (II).
2. Set each of the XM radio channel preset buttons.

Do each of the XM radio channel preset buttons set properly?

YES -Go to step 3.

NO -Replace the navigation unit.

3. Turn the ignition switch to LOCK (0) for 1 minute, then turn it back to ON (II).
4. Test all of the XM radio channel preset buttons for proper recall operation.

Do the preset buttons recall the set radio stations?

YES -System is normal at this time. Check the connections at the navigation unit.

NO -Go to step 5.

5. Turn the ignition switch to LOCK (0).
6. Measure the voltage between XM receiver connector A (14P) No. 1 terminal and body ground.

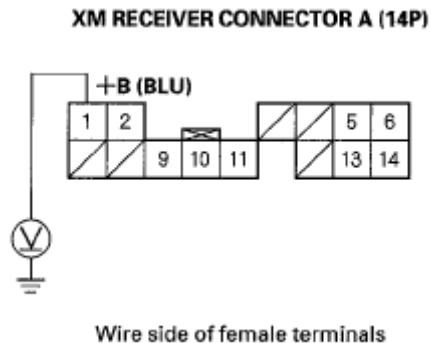


Fig. 121: Measuring Voltage Between XM Receiver A (14P) Connector Terminal And Body Ground
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there battery voltage?

YES -Go to step 7.

NO -Repair open in the wire between the under-dash fuse/relay box and XM receiver connector A (14P) No. 1 terminal.

7. Turn the ignition switch to ON (II).
8. Measure the voltage between XM receiver connector A (14P) No. 11 terminal and body ground.

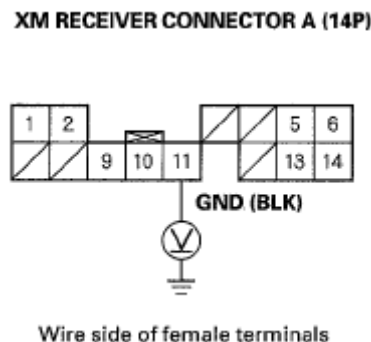


Fig. 122: Measuring Voltage Between XM Receiver A (14P) Connector Terminal And Body Ground
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there less than 0.1 V?

YES -Replace the XM receiver (see **SPEAKER REPLACEMENT**).

NO -Repair open in the wire between XM receiver connector A (14P) No. 11 terminal and body ground (G505) .

ERROR CODE: XM NO SIGNAL OR XM ANTENNA IS DISPLAYED

NOTE:

- **Check the vehicle battery condition first.**
- **Check the connectors for poor connections or loose terminals.**
- **Check XM radio reception in an open area. Poor reception/interference can be caused by tall buildings, mountains, or high-voltage power lines.**

1. Park vehicle outside with a clear view of the southern horizon.

Does XM radio receive a signal?

YES -Reception interference operation is normal.

NO -Go to step 2.

2. Check XM antenna connector B (2P) at XM receiver.

Is XM antenna connector B connected?

YES -Go to step 3.

NO -Reconnect XM connector B, recheck XM radio operation. If the signal restored, operation is normal. If signal not restored go to step 3.

3. Measure the voltage between XM receiver connector A (14P) No. 1 terminal and body ground.

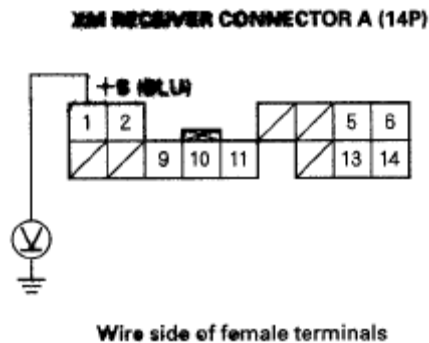


Fig. 123: Measuring Voltage Between XM Receiver A (14P) Connector Terminal And Body Ground
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there battery voltage?

YES -Go to step 4.

NO -Repair open in the wire between navigation unit and XM receiver connector A (14P) No. 1 terminal.

4. Turn the ignition switch to ON (II).
5. Measure the voltage between XM receiver connector A (14P) No. 11 terminal and body ground.

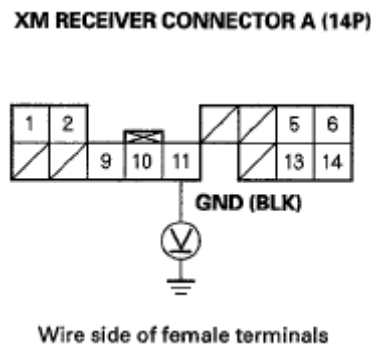


Fig. 124: Measuring Voltage Between XM Receiver A (14P) Connector Terminal And Body Ground
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there less than 0.1 V?

YES -Go to step 6.

NO -Repair open in the wire between XM receiver connector A (14P) No. 11 terminal and body ground (G505) .

6. Substitute known-good XM antenna.

Does the XM radio receiver a signal?

YES -Replace XM antenna (see **XM ANTENNA REPLACEMENT**).

NO -Substitute known-good XM antenna subharness. If XM radio receives signal, replace original XM antenna subharness. If the XM radio does not receive a signal, substitute a known-good XM receiver.

AUDIO DISC DOES NOT EJECT

NOTE:

- **Check the vehicle battery condition first.**
- **Check the connectors for poor connections or loose terminals.**
- **Disc labels should not be used in the navigation unit or audio unit. They may damage the player mechanism.**

1. Turn on the audio system.

Does the system turn on?

YES -Go to step 2.

NO -Go to **POWER SWITCH WILL NOT TURN ON** .

2. Check to see if the disc ejects correctly with no binding by pushing the EJECT button.

Does the disc eject normally?

YES -Operation is normal.

NO -

- With navigation: Replace navigation unit (see **NAVIGATION UNIT REMOVAL/INSTALLATION**).
- Without navigation: Replace audio unit (see **AUDIO UNIT REMOVAL/INSTALLATION**).

AUDIO DISC DOES NOT LOAD

NOTE:

- **Check the vehicle battery condition first.**
- **Check the connectors for poor connections or loose terminals.**
- **Disc labels should not be used in the navigation unit or audio unit. They may damage the player mechanism.**
- **Make sure the disc is compatible with the system (see the owner's manual for more information).**

1. Insert a known-good disc to see if the symptom can be duplicated.

Does the disc load?

YES -Operation is normal. If the disc loads normally, lower case but will not play, go to **AUDIO DISC DOES NOT PLAY** .

NO -Go to step 2.

2. Insert another disc-Does the disc load?

YES -The original disc is faulty.

NO -

- With navigation: Replace navigation unit (see **NAVIGATION UNIT REMOVAL/INSTALLATION**).
- Without navigation: Replace audio unit (see **AUDIO UNIT REMOVAL/INSTALLATION**).

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RADIO TUNER DOES NOT CHANGE STATIONS

1. Check the audio information on the display panel.

Does the audio information display properly?

YES -Go to step 2.

NO -Go to **POWER SWITCH WILL NOT TURN ON** .

2. Operate the tuning knob to see if the radio station changes.

Does the radio station change?

YES -Intermittent failure: the tuning knob is OK at this time.

NO -

- With navigation: Replace the navigation unit (see **NAVIGATION UNIT REMOVAL/INSTALLATION**).
- Without navigation: Replace the audio unit (see **AUDIO UNIT REMOVAL/INSTALLATION**).

VOLUME DOES NOT CHANGE

NOTE:

- **Check the vehicle battery condition first.**
- **Check the connectors for poor connections or loose terminals.**
- **Set the fader and balance positions to the center.**

1. Listen for sound from the speakers.

Is the sound normal?

YES -Go to step 2.

NO -Go to **AUDIO SYSTEM SOUND IS WEAK OR DISTORTED**, or **NO SOUND IS HEARD FROM SPEAKER(S)** .

2. Operate the volume knob to see if the volume changes.

Does the volume change?

YES -Operation is normal.

NO -

- With navigation: Replace navigation unit (see **NAVIGATION UNIT REMOVAL/INSTALLATION**).
- Without navigation: Replace audio unit (see **AUDIO UNIT REMOVAL/INSTALLATION**).

VOLUME DOES NOT INCREASE WITH SPEED

NOTE:

- **Check the vehicle battery condition first.**
- **Check the connectors for poor connections or loose terminals.**

1. Verify the SVC mode setting in the navigation or audio unit sound set-up.

Is the SVC set to off?

YES -Change the setting to Mid and retest (see **SYSTEM DESCRIPTION**).

NO -Go to step 2.

2. Do the self-diagnostic function for the vehicle speed pulse indication (see **SELF-DIAGNOSTIC FUNCTION**).

Does the self-diagnostic function indicate a VSP signal?

YES -Substitute a known-good navigation or audio unit and retest. If the symptom/indication goes away, replace the original navigation or audio unit.

NO -Go to step 3.

3. Test-drive the vehicle at highway speeds, and monitor if the volume increases.

Do the volume increase?

YES -Intermittent failure, the system is OK at this time.

NO -Go to step 4.

4. Remove the navigation unit (see **NAVIGATION UNIT REMOVAL/INSTALLATION**), or audio unit (see **AUDIO UNIT REMOVAL/INSTALLATION**), and disconnect the navigation, or audio unit connector A (17P).

NOTE: Eject all the discs before removing the audio unit or navigation unit to prevent damaging the CD player's load mechanism.

5. Drive the vehicle, and have an assistant measure voltage at navigation or audio unit connector A (17P) terminal No. 13.

**AUDIO UNIT CONNECTOR A (17P)
NAVIGATION UNIT CONNECTOR A (17P)**

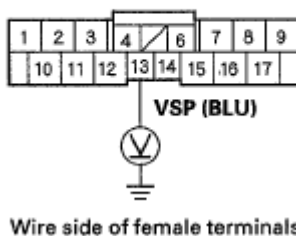


Fig. 125: Measuring Voltage At Navigation Or Audio Unit A (17P) Connector Terminal

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there a 0- 5 V Pulse?

YES -

- With navigation: Replace the navigation unit (see **NAVIGATION UNIT REMOVAL/INSTALLATION**).
- Without navigation: Replace the audio unit (see **AUDIO UNIT**

REMOVAL/INSTALLATION).

NO -Repair open or shorts in the wire between the navigation, or audio unit connector A (17P) No. 13 terminal and the ECM/PCM connector A (44P) No. 29 terminal. If no opens or shorts are found, substitute a known-good ECM/PCM and recheck. If the symptom/indication goes away, replace the original ECM/PCM . See **ECM/PCM REPLACEMENT** .

VOLUME IS TOO HIGH OR TOO LOW WHEN DRIVING AT FREEWAY SPEEDS

NOTE:

- **Check the vehicle battery condition first.**
- **Check the connectors for poor connections or loose terminals.**

1. Test-drive the vehicle at highway speeds and monitor volume level.

Is the volume level too high, or too low?

YES -Go to step 2.

NO -Intermittent failure, the system is OK at this time.

2. Change the SVC mode setting in sound set-up to Mid (see **SYSTEM DESCRIPTION**).

Is the volume level still too high, or too low?

YES -

- With navigation: Replace the navigation unit (see **NAVIGATION UNIT REMOVAL/INSTALLATION**).
- Without navigation: Replace the audio unit (see **AUDIO UNIT REMOVAL/INSTALLATION**).

NO -Improper SVC setting for customers sound taste.

DISPLAY DOES NOT DIM OR BRIGHTEN WITH DIMMER (WITHOUT NAVIGATION)

NOTE:

- **Check the vehicle battery condition first.**
- **Check the connectors for poor connections or loose terminals.**
- **If the vehicle is equipped with navigation, refer to DISPLAY DAY/NIGHT MODE DOES NOT WORK .**

1. Turn the ignition switch to ON (II).
2. Turn the combination light switch ON and LOCK (0) to see if the symptom can be duplicated.

Is it duplicated?

YES -Go to step 3.

NO -Operation is normal.

3. Turn the combination light switch OFF.
4. Operated the illumination control dial.

Is it normal?

YES -Operation is normal.

NO -Go to step 5.

5. Disconnect and check audio unit connector A (17P) for loose or a poor connection.

NOTE: **Eject all the discs before removing the audio unit to prevent the CD player's load mechanism.**

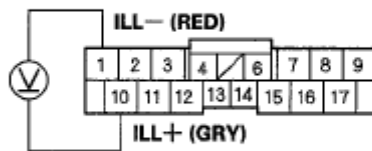
Reconnect audio unit connector A (20P) and recheck the symptom; does it still appear?

YES -Go to step 6.

NO -Operation is normal.

6. Turn the ignition switch to LOCK (0).
7. Remove the audio unit (see **AUDIO UNIT REMOVAL/INSTALLATION**).
8. Turn the ignition switch to ON (II).
9. Measure the voltage between audio unit connector A (17P) No. 1 and No. 10 terminals. Operate the dash brightness controller buttons to see if the voltage changes.

AUDIO UNIT CONNECTOR A (17P)



Wire side of female terminals

Fig. 126: Measuring Voltage Between Audio Unit A (17P) Connector Terminals

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Does the voltage change?

YES -Substitute a known-good audio unit, and recheck. If the symptom/indication goes away, replace the original audio unit. If symptom is still present, substitute a known-good center panel display and recheck. If the symptom/indication goes away, replace the original center panel display (see **AUDIO UNIT REMOVAL/INSTALLATION**).

NO -Repair open in the wire between the under-dash fuse/relay box and the gauge control module.

Special Tools Required

Diagnostics CD 07AAZ-SDBA100

AUDIO DISC DOES NOT PLAY

NOTE:

- **Check the vehicle battery condition first.**
- **Check the connectors for poor connections or loose terminals.**

1. Try loading a known-good disc.

Does the disc load?

YES -Go to step 2.

NO -Go to **AUDIO DISC DOES NOT LOAD** .

2. Insert another known-good disc to see if the symptom can be duplicated.

Does the disc play?

YES -Operation is normal.

NO -Go to step 3.

3. Insert the audio diagnostic CD (T/N: 07AAZ-SDBA100) in the navigation unit or audio unit.

Does the disc play?

YES -The original disc is faulty, or has an unreadable format.

NO -

- With navigation: Replace navigation unit (see **NAVIGATION UNIT REMOVAL/INSTALLATION**).
- Without navigation: Replace audio unit (see **AUDIO UNIT REMOVAL/INSTALLATION**).

Special Tools Required

Diagnostics CD 07AAZ-SDBA100

AUDIO DISC SKIPS

1. Confirm the vehicles tires are properly inflated.
2. Check the customers CD for scratches, fingerprints, and marks.

NOTE: The following test should be performed with audio unit bass and treble set to customers listening performance. When comparing to known-good vehicles, comparison should be performed on same model and trim level.

3. Test drive to identify when the CD skips. The audio diagnostic CD (T/N: 07AAZ-SDBA100) can be used if customers CD is not available. Use tracks 10 to 12.

Does the CD skip?

YES -Go to step 4.

NO -Operation is normal.

4. Compare the customers CD that is skips in a known-good vehicle under the same conditions.

Does the CD skip in the known-good vehicle under the same conditions?

YES -Operation is normal.

NO -Go to step 5.

NOTE: The following test should be performed with vehicle parked and engine running.

5. Insert the diagnostic skip test CD (T/N: 07AAZ-SDBA300) (ABEX TCD 721). Play tracks 2 to 11 and note the track number(s) where the CD starts skipping. Do the same test on a known-good vehicle.

Does the CD skip on the same track number(s) as the known-good vehicle?

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YES -Operation is normal.

NO -Go to step 6.

6. Insert the diagnostic skip test CD (T/N: 07AAZ-SDBA200) (ABEX TCD 725B) play tracks 7 to 11 and tracks 13 to 15 and note the track number(s) where the CD starts skipping. Perform the same test on a known-good vehicle.

Does the CD skip on same track number (s) as the known-good vehicle?

YES -Operation is normal.

NO -

- With navigation: Replace navigation unit (see NAVIGATION UNIT REMOVAL/INSTALLATION).
- Without navigation: Replace audio unit (see AUDIO UNIT REMOVAL/INSTALLATION).

AUDIO REMOTE SWITCH DOES NOT WORK PROPERLY

NOTE:

- Check the vehicle battery condition first.
- Check the connectors for poor connections or loose terminals.

1. Check the audio unit operation.

Is the audio unit operation OK?

YES -Go to step 2.

NO -

- With navigation: Replace the navigation unit (see NAVIGATION UNIT REMOVAL/INSTALLATION).
- Without navigation: Replace the audio unit (see AUDIO UNIT REMOVAL/INSTALLATION).

2. Test the audio remote switch (see **AUXILIARY JACK ASSEMBLY REPLACEMENT**).

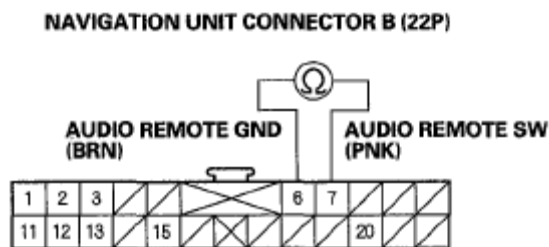
Is the audio remote switch OK?

YES -

- With navigation: Go to step 3.
- Without navigation: Go to step 6.

NO -Replace the audio remote switch.

3. Remove the navigation unit (see **NAVIGATION UNIT REMOVAL/INSTALLATION**).
4. Measure the resistance between navigation unit connector B (22P) No. 6 and No. 7 terminals as specified in the table.



Wire side of female terminals

Fig. 127: Measuring Resistance Between Navigation Unit B (22P) Connector Terminals

Courtesy of AMERICAN HONDA MOTOR CO., INC.

AUDIO REMOTE SWITCH TABLE

AUDIO REMOTE SWITCH REFERENCE

Button held down	VOL DOWN	VOL UP	CH (-)	CH (+)	MODE	No button pressed
Resistance	about 100 ohms	about 370	about 840	about 2.0 K ohms	about 6.0 K ohms	about 10 k ohms

		ohms	ohms			
--	--	------	------	--	--	--

Is the resistance OK?

YES -Go to step 5.

NO -Repair open or high resistance in the circuit between the navigation unit and the audio remote switch. If the wires are OK, replace the cable reel (see **CABLE REEL REPLACEMENT**).

5. Check for continuity between the No. 6 and No. 7 terminals of navigation unit connector B (22P) and body ground.

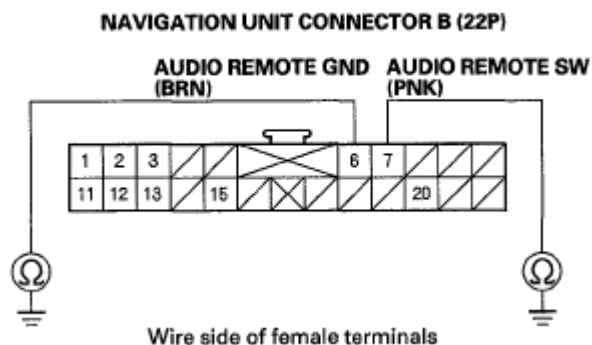


Fig. 128: Checking Continuity Between Navigation Unit B (22P) Connector Terminals And Body Ground
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there continuity?

YES -Repair short to body ground in the circuit between the navigation unit and the audio remote switch. If the wires are OK, replace the cable reel (see **CABLE REEL REPLACEMENT**).

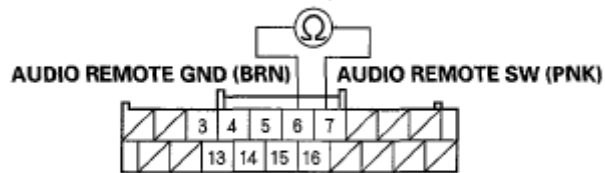
NO -Replace the navigation unit (see **NAVIGATION UNIT REMOVAL/INSTALLATION**).

6. Remove the audio unit (see **AUDIO UNIT REMOVAL/INSTALLATION**).
7. Measure the resistance between audio unit connector B (20P) No. 6 and No. 7 terminals as specified in/the table.

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AUDIO UNIT CONNECTOR B (20P)



Wire side of female terminals

Fig. 129: Measuring Resistance Between Audio Unit B (20P) Connector Terminals

Courtesy of AMERICAN HONDA MOTOR CO., INC.

AUDIO REMOTE SWITCH TABLE

AUDIO REMOTE SWITCH REFERENCE

Button held down	VOL DOWN	VOL UP	CH (-)	CH (+)	MODE	No button pressed
Resistance	about 100 ohms	about 370 ohms	about 840 ohms	about 2.0 K ohms	about 6.0 K ohms	about 10 k ohms

Is the resistance OK?

YES -Go to step 8.

NO -Repair open or high resistance in the circuit between the audio unit and the audio remote switch. If the wires are OK, replace the cable reel (see **CABLE REEL REPLACEMENT**).

8. Check for continuity between the No. 6 and No. 7 terminals of the audio unit connector B (20P) and body ground.

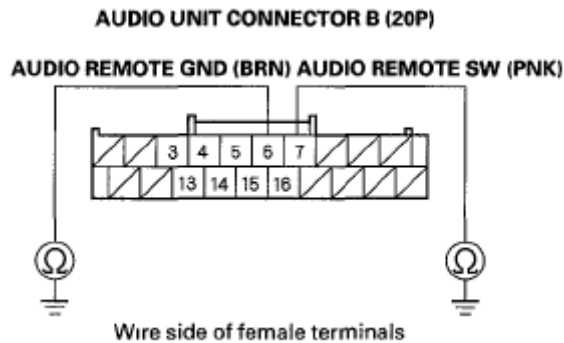


Fig. 130: Checking Continuity Between Audio Unit B (20P) Connector Terminals And Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there continuity?

YES -Repair short to body ground in the circuit between audio unit and the audio remote switch. If the wires are OK, replace the cable reel (see **CABLE REEL REPLACEMENT**).

NO -Remove the audio unit (see **AUDIO UNIT REMOVAL/INSTALLATION**).

AUDIO DISC CANNOT BE INSERTED AND/OR EJECTED (WITH NAVIGATION)

NOTE:

- Check the vehicle battery condition first.
- Check the connectors for poor connections or loose terminals.
- Disc labels should not be used in the navigation unit or audio unit. They may damage the player mechanism.
- Make sure the disc is compatible with the system (see the owner's manual for more information).

1. Press the OPEN/CLOSE button to open the navigation display.
2. Try inserting an audio CD.

Does the player accept the CD?

YES -The system is OK at this time.

NO -Go to step 3.

3. Press the CD eject button.

Does the player eject the CD?

YES -The system is OK at this time.

NO -Replace the navigation unit (see **NAVIGATION UNIT REMOVAL/INSTALLATION**).

PC CARD WILL NOT PLAY/CARD ICON ON AUDIO SCREEN CANNOT BE SELECTED (WITH NAVIGATION)

Unfortunately, there are no error messages and no diagnostics for the PC card. There are many reasons why a card won't play audio files in the audio unit.

- The card may not be fully inserted into the slot. Eject the card, and inspect for warping or damage to the edge connector. Never use excessive force to insert a card. This can result in damage to the pins in the rear of the slot.
- The customer's card may contain audio files that are not recognized by the system. Only MP3 and WMA music files are played.
- The flash card type may not be accepted by the system. Only Compact Flash and ATA cards have been tested.
- The card's PCMCIA adapter may be preventing a known-good card from playing. New PCMCIA adapters are constantly being released and have not been tested.
- The card's capacity may exceed 1 GB. Only cards with capacities of up to 1 GB (1000 MB) have been tested.
- There may not be any files on the card. Some cards have write protection. Make sure it is turned off before putting files on the card.
- Although flash memory chips are reliable, occasionally they develop bad sectors or other formatting errors that prevent them from playing. The customer should reformat the card using the FAT or FAT32 format.

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- The card may have been damaged by heat. Suggest that the customer remove the card when exiting the vehicle.
- The customer may have formatted the card using the format NTFS. Only the formats FAT and FAT32 are accepted by the system.
- Hard Disc Drive (HDD) cards may not work properly in the system and can overheat and quit functioning, particularly in a hot vehicle. They are not recommended.
- The filing structure of the card may exceed the specification of 8 folder levels deep, 99 folders maximum, and 999 total tracks maximum. If any of these limitations are exceeded, the system may not properly display or play the tracks.

NOTE: A delay when first inserting a card is normal. The system is reading the File Tag information for album names, artists, and song titles, and there is no hourglass. The delay length depends on the number of tracks and the complexity of the folder structure. See the audio article for an explanation of the terms used above.

SOUND QUALITY DIAGNOSIS

Special Tools Required

Diagnostics CD 07AAZ-SDBA100

Use the following tests to check sound quality.

NOTE: Before beginning the following tests, write down the customer's bass, treble, fader and balance settings, and then set them to their center positions for testing.

LEFT/RIGHT CHANNEL ID

Do this test to confirm proper channel routing.

1. Insert the audio diagnostic CD (T/N: 07AAZ-SDBA100) into the navigation

unit or audio unit.

2. Play track No. 1 (left, both, right channel ID) at a normal, or slightly higher than normal, volume level.
3. The voice should be audible only from the channel or channels when indicated.
 - If the channel ID is correct for each side, go to the **PHASE TEST**.
 - If the channel ID is not correct, check for;
 - Shorted speaker wire
 - Faulty amplifier (with premium sound system)
 - Faulty navigation unit
 - Faulty audio unit

Special Tools Required

Diagnostics CD 07AAZ-SDBA100

PHASE TEST

Do this test to confirm proper speaker phasing.

1. Insert the audio diagnostic CD (T/N: 07AAZ-SDBA100) into the navigation unit or audio unit.
2. Play track No. 2 (phase) at a normal, or slightly higher than normal, volume level.
3. The voice should sound centered and focused when it is in-phase.
4. The voice should sound diffused, and have less bass when it is out of phase.
 - If the voice changes from in-phase to out of phase as indicated by the prompt, the phasing is correct. Go to **ELECTRICAL NOISE TEST**.
 - If the voice always sounds out of phase, phasing is not correct. Check for;
 - Crossed speaker wires
 - Faulty amplifier (with premium sound system)
 - Faulty navigation unit - Faulty audio unit

Special Tools Required

Diagnostics CD 07AAZ-SDBA100

ELECTRICAL NOISE TEST

Do this test to check for electrical noise being induced into the audio system.

NOTE: **Electrical noise may be caused by outside sources that cannot be handled by the audio system. Make sure you remove any cell phones and/or turn off any aftermarket device before beginning this test.**

1. Insert the audio diagnostic CD (T/N: 07AAZ-SDBA100) into the navigation unit or audio unit.
2. Play track No. 4 (digital zero) at a normal, or slightly higher than normal, volume level.
3. Operate any electrical device that may create electrical noise in the audio system, including starting the engine.
4. Play track No. 5 (near digital zero) at a normal, or slightly higher than normal, volume level.
5. Operate any electrical device that may create electrical noise in the audio system, including starting the engine.
6. Play track No. 6 (SNR) at a normal, or slightly higher than normal, volume level.
7. Operate any electrical device that may create electrical noise in the audio system, including starting the engine.
 - If no abnormal noise is heard, go to **INDIVIDUAL SPEAKER TEST**.
 - If the noise is present only during the SNR track, replace the navigation unit or audio unit.
 - If the noise is heard during the digital zero or near digital zero track, check for;
 - Poor ground for the audio unit, amplifier, engine or battery cable
 - Pinched or shorted speaker or amplifier wire
 - Faulty amplifier (with premium sound system)
 - Faulty navigation unit

- Faulty audio unit
- Other faulty components causing excessive electrical noise (ignition coils, alternator, door lock actuators, etc.). Disconnect any suspect components, and then replay the tracks that were originally noisy. If the noise is gone, check the component's circuit and the component.

Special Tools Required

Diagnostics CD 07AAZ-SDBA100

INDIVIDUAL SPEAKER TEST

Do this test to identify a faulty speaker.

1. Insert the audio diagnostic CD (T/N: 07AAZ-SDBA100) into the navigation unit or audio unit.
2. Play track No. 30 (steady 300 Hz tone) at a normal, or slightly higher than normal, volume level.
3. Listen to each speaker for poor sound compared to the other speakers. Use the audio unit's fader and balance settings to help isolate the channel with the problem.
 - If the sound quality produced by a specific speaker is poor, substitute it with a known-good speaker. If the poor sound quality continues, go to the **SOUND BALANCE TEST**.
 - If the sound quality is OK, go to the **SOUND BALANCE TEST**.

Special Tools Required

Diagnostics CD 07AAZ-SDBA100

SOUND BALANCE TEST

Perform this test to identify a faulty channel or speaker.

1. Insert the audio diagnostic CD (T/N: 07AAZ-SDBA100) into the navigation unit or audio unit.
2. Confirm the bass and treble are set to the center positions.

3. Play track No. 3 (pink noise) at a normal, or slightly higher than normal, volume level.
4. A static type sound should be heard through all speakers.
5. Insert the audio diagnostic CD (T/N: 07AAZ-SDBA100) into the navigation unit or audio unit of a known-good vehicle.
6. Set the bass and treble to the center position.
7. Play track No. 3 (pink noise) all the same level as was played in step 3.
8. Compare the sounds made by the two vehicles.
 - If the noise sounds made by the two vehicles are very similar, go to the **FREQUENCY SWEEP TEST**.
 - If the sound does not have as much bass, check the subwoofer and circuit.
 - If the sound does not have enough hiss, check the tweeters and their circuits.

Special Tools Required

Diagnostics CD 07AAZ-SDBA100

FREQUENCY SWEEP

Do this test to find rattles or reverberation that may cause a perception of poor sound quality.

1. Insert the audio diagnostic CD (T/N: 07AAZ-SDBA100) into the navigation unit or audio unit.
2. Play track No. 13 (sweep from 500 Hz to 35 Hz) at a normal, or slightly higher than normal, volume level.
3. Listen to each speaker for poor sound quality or reverberations caused by specific frequencies. Use the voice-over to estimate the frequency that causes the vibration. Use the audio unit's fader and balance settings to help isolate the channel with the problem.
 - If vibrations or poor sound quality are heard, go to step 4.
 - If no vibrations or poor sound quality are heard, go to sound judging.
4. Choose the appropriate track from No. 14 to 25 (small range frequency sweep)

or 26 to 53 (single frequencies) to recreate the frequency that caused the poor sound quality or vibration located in step 3: this aids in diagnosis of the cause.

NOTE: When you get to the track that recreates the problem, select the repeat function on the navigation unit or audio unit, this will help you isolate the cause.

5. Replace or insulate the source of the vibrations or, if the speaker is the source of the poor sound quality, replace it.

Special Tools Required

Diagnostics CD 07AAZ-SDBA100

SOUND JUDGING

- Do this test to compare overall sound quality, imaging, and dynamics between the customer's vehicle and a known-good vehicle. Only use a vehicle of the same model and trim level for this test.
 - Make sure the vehicle is using only OEM speakers.
1. In the customer's vehicle, set the bass, treble, fader, and balance settings to the customer's normal settings that were written down before beginning testing.
 2. Insert the audio diagnostic CD (T/N: 07AAZ-SDBA100) into the navigation unit or audio unit.
 3. Play tracks No. 7 to 12 (sound quality, midland, dynamics, and imaging demonstration tracks) at a normal, or slightly higher than normal, volume level. Write down the volume setting being used.
 4. Listen to areas of the track that stand out as being either very clear, or poorer than other areas of the track.
 5. Insert the audio diagnostic CD (T/N: 07AAZ-SDBA100) into the navigation unit or audio unit of a known-good vehicle.
 6. Play the tracks at the same volume level and the same bass, treble, balance, and fader settings as used in step 3 in the customer's vehicle.
 7. Listen to the same area of the track that stood out as being either very clear or

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poorer than other areas of the track.

8. Compare the customer's vehicle's sound quality results to the known-good vehicle's results.
 - If the sound quality in the customer's vehicle is comparable to the sound quality in the known-good vehicle, then the customer's vehicle is operating as designed.
 - If the sound quality is not comparable, check these items in order.
 - Loose or improperly installed speakers or other hardware that may become excited by the vibrations generated by the speakers
 - Poor power or ground to the stereo amplifier (with premium sound system)
 - Damaged speaker(s)
 - Faulty amplifier (with premium sound system)
 - Faulty navigation unit - Faulty audio unit

SEEK STOP TEST

Do this test to check the performance of the audio unit's AM and FM reception. Refer to **AUDIO UNIT POWER SWITCH WILL NOT TURN OFF (WITHOUT NAVIGATION)** symptom troubleshooting: audio sound weak or distorted, or no sound is heard from speakers (display is normal) before continuing with this test.

NOTE:

- **Window tint, aftermarket theft-recovery devices and other aftermarket accessories may reduce radio reception.**
- **Changes in cloud cover and other atmosphere conditions will affect the ability of the navigation unit or audio unit to receive radio signals.**

1. Park the customer's vehicle in an open area away from buildings or other obstructions.
2. Park a known-good vehicle (same year, model, and trim level) next to the customer's vehicle, facing the same direction.

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3. Start the engine in the customer's vehicle, and turn on the radio.
4. Set the FM receiver to 87.7 MHz.
5. Press the Seek + button and record the first station that the navigation unit or audio unit locks onto.
6. Press the Seek + button repeatedly, and write down each station that the navigation unit or audio unit locks onto until the station recorded in step 5 is reached again.
7. Set the AM receiver to 530 kHz.
8. Press the Seek + button, and record the first station that the navigation unit or audio unit locks onto.
9. Press the Seek + button repeatedly, and write down each station that the navigation unit or audio unit locks onto until the station recorded in step 8 is reached again.
10. Turn the ignition switch to LOCK (0).
11. Start the engine in the known-good vehicle, and then perform steps 4 thru 10 on the known-good vehicle.
12. Compare the number of stations received in steps 6 and 9 in the customer's vehicle with the number of stations received in the known-good vehicle.
 - If the number of stations received is the same, or within 10%, the audio unit's tuner performance is OK. The problem may be atmospheric conditions, multi path interference, or other obstructions to the radio signal.
 - If the customer's vehicle receives fewer stations by at least 10%, go to step 2 of poor AM or FM radio reception of interference (see **POOR AM OR FM RADIO RECEPTION OR INTERFERENCE (WITH NAVIGATION)**).

AUDIO UNIT REMOVAL/INSTALLATION

WITHOUT NAVIGATION

SRS components are located in this area. Review the SRS component location, 4-door (see **COMPONENT LOCATION INDEX**), 2-door (see **COMPONENT LOCATION INDEX**).

Also review the precautions and procedures (see **PRECAUTIONS AND PROCEDURES**) in the SRS article before doing repairs or service.

NOTE:

- Put on gloves to protect your hands.
- Take care not to scratch the dashboard and related parts.
- Lay a workshop towel under the parts when working on them to protect the face panel from scratches or other damage.
- Do not work in a dusty or dirty place.
- Discharge static electricity from your body before and during the work.
- Do not touch the circuit board(s) with your bare hands.
- Do not work with dirty hands.
- Be careful not to fold the flat plate cable.
- Do not touch the terminal connector of the flat plate cable with your bare hands. (If you have touched it, wipe it off thoroughly.)
- Eject all the discs before removing the audio unit to prevent damaging the CD player's load mechanism.
- If you are replacing the audio unit, write down the audio presets (if possible), and enter them into the new audio unit.

1. Make sure you have the anti-theft code for the audio system, then write down the audio presets.
2. Remove the subdisplay visor (see **SUBDISPLAY VISOR REMOVAL/INSTALLATION**).
3. Remove the center pocket hole lid and bolts, then pull out the center panel (A).

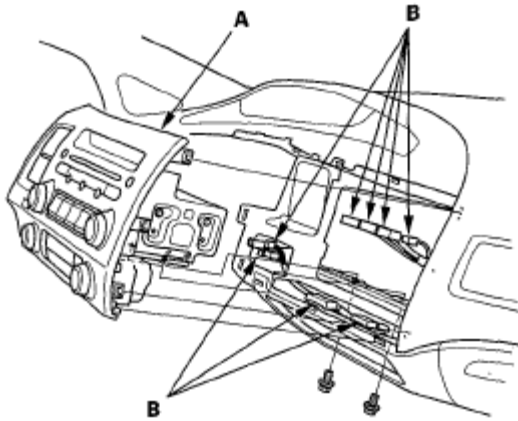


Fig. 131: Identifying Center Pocket Hole Lid And Bolts
Courtesy of AMERICAN HONDA MOTOR CO., INC.

4. Disconnect the connectors (B), then remove the center panel.
5. Remove the bolts, screws and the brackets (A).

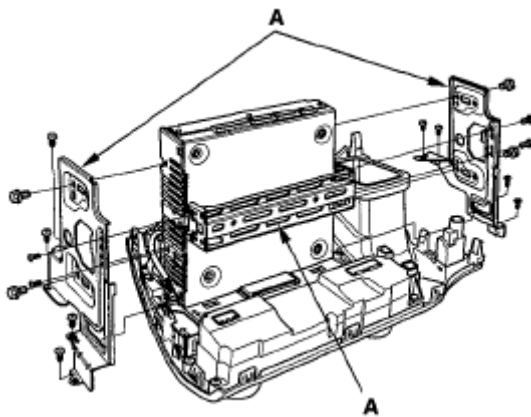


Fig. 132: Identifying Brackets And Bolts, Screws
Courtesy of AMERICAN HONDA MOTOR CO., INC.

6. Remove the screws, rear covers (A) and the audio unit (B) from the center panel display (C).

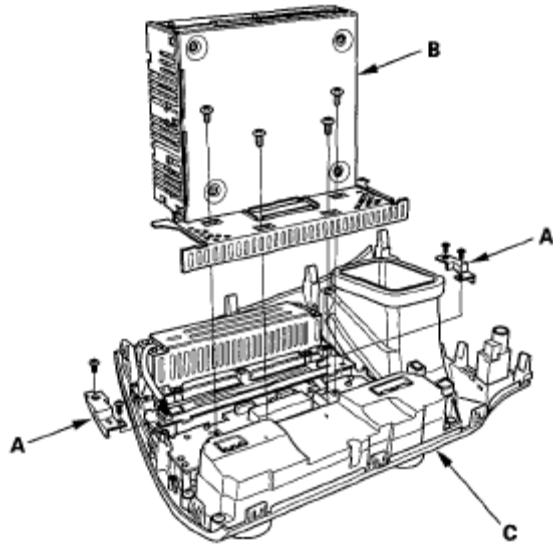


Fig. 133: Identifying Rear Covers And Audio Unit From Center Panel Display

Courtesy of AMERICAN HONDA MOTOR CO., INC.

7. Install the audio unit in the reverse order of removal, and note these items:
 - Make sure all connectors and antenna lead are secure.
 - Enter the anti-theft code for the audio system, then enter the audio presets. Set the clock.

STEREO AMPLIFIER REMOVAL/INSTALLATION

2-DOOR

1. Remove the center console (see **CENTER CONSOLE REMOVAL/INSTALLATION**).
2. Remove the stereo amplifier connectors (A) from the stereo amplifier (B).

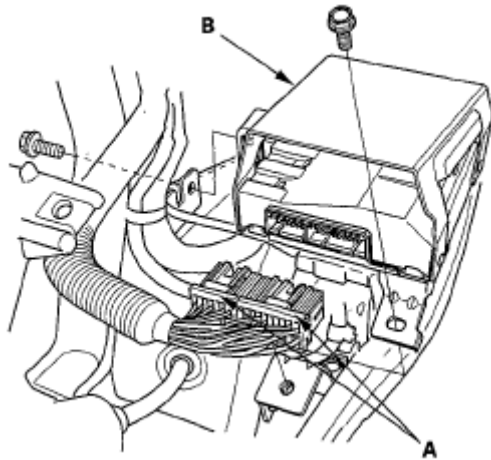


Fig. 134: Identifying Stereo Amplifier Connectors
Courtesy of AMERICAN HONDA MOTOR CO., INC.

3. Loosen the mounting bolt, and remove the mounting bolt, then remove the stereo amplifier.
4. Install the stereo amplifier in the reverse order of removal.

4-DOOR

1. Slide the driver's front seat forward fully.
2. Remove the amplifier cover (A), and connectors (B).

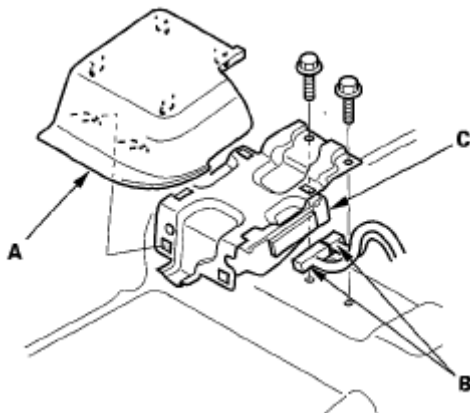


Fig. 135: Identifying Amplifier Cover And Connectors
Courtesy of AMERICAN HONDA MOTOR CO., INC.

3. Remove the bolts and stereo amplifier (C).

4. Install the stereo amplifier in the reverse order of removal.

XM RECEIVER REMOVAL/INSTALLATION

1. Open the trunk lid and remove the right trunk side trim panel (see **TRIM REMOVAL/INSTALLATION - TRUNK AREA**).
2. Disconnect the antenna 1P connector (A) and 14P connector (B) from the XM receiver (C).

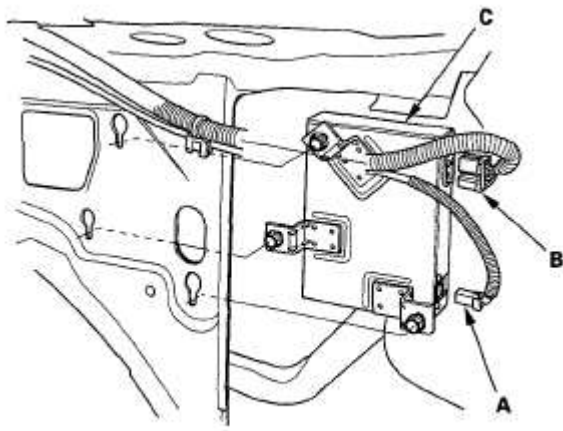


Fig. 136: Identifying Antenna 1P Connector And 14P Connector From XM Receiver

Courtesy of AMERICAN HONDA MOTOR CO., INC.

3. Loosen the three bolts, and remove the XM receiver.
4. Install in the reverse order of removal.

SPEAKER REPLACEMENT

FRONT DOOR SPEAKER

1. Remove the front door panel (see **FRONT DOOR PANEL REMOVAL/INSTALLATION**).
2. Remove the screw. Then lift the speaker (A) straight up to release the lower clips (B).

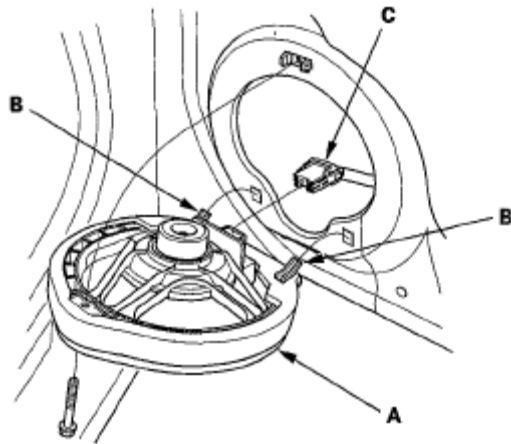


Fig. 137: Identifying Speaker And Lower Clips
Courtesy of AMERICAN HONDA MOTOR CO., INC.

3. Disconnect the 2P connector (C), and remove the speaker.
4. Install the speaker in the reverse order of removal.

TWEETER

1. Carefully pry the tweeter grille (A) out of the dashboard. Be careful not to damage the tweeter grille and the dashboard.

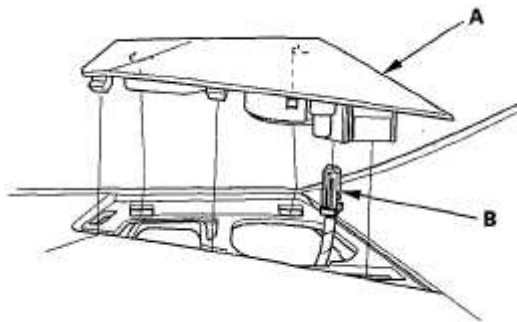


Fig. 138: Identifying Tweeter Grille And Dashboard
Courtesy of AMERICAN HONDA MOTOR CO., INC.

2. Disconnect the 2P connector (B) from the tweeter.
3. Remove the tweeter speaker from the speaker grille.

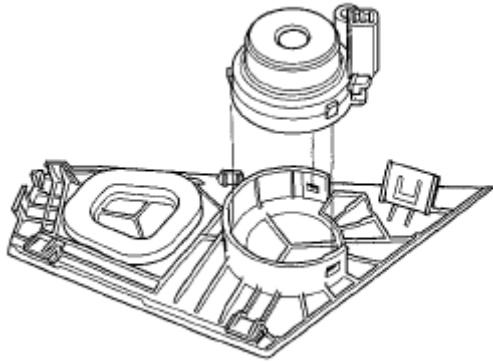


Fig. 139: Identifying Tweeter Speaker From Speaker Grille
Courtesy of AMERICAN HONDA MOTOR CO., INC.

4. Install the speaker in the reverse order of removal.

REAR SPEAKER (4-DOOR)

1. Remove the rear speaker grille (A).

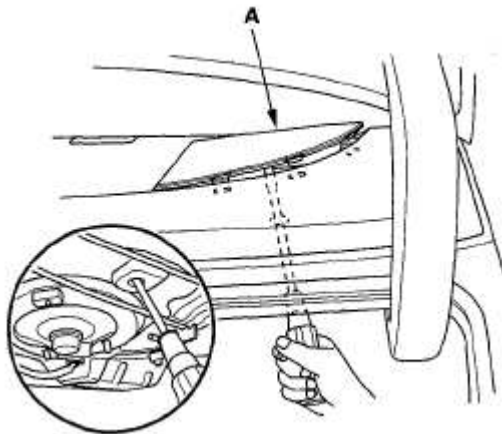


Fig. 140: Identifying Rear Speaker Grille
Courtesy of AMERICAN HONDA MOTOR CO., INC.

2. Remove the screw. Then lift the speaker (A) straight up to release the clips (B).

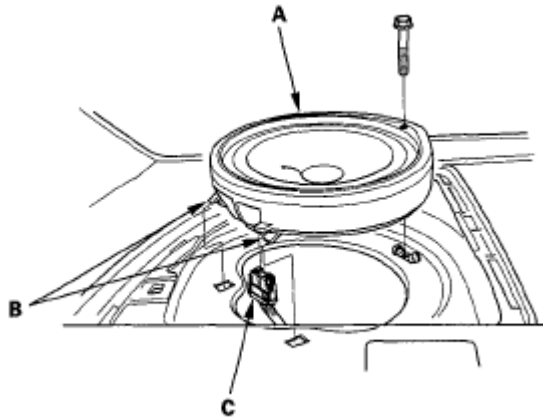


Fig. 141: Identifying Speaker And Clips
Courtesy of AMERICAN HONDA MOTOR CO., INC.

3. Disconnect the 2P connector (C), and remove the speaker.
4. Install in the reverse order of removal.

REAR SPEAKER (2-DOOR)

1. Remove the rear shelf (see **TRIM REMOVAL/INSTALLATION - REAR SHELF AREA**).
2. Remove the screw. Then lift the speaker (A) straight up to release the clips (B).

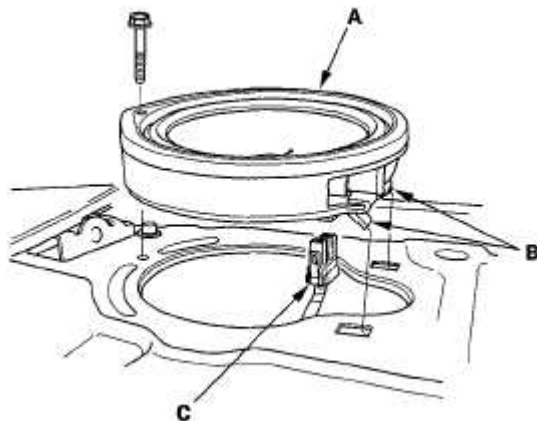


Fig. 142: Identifying Speaker And Clips
Courtesy of AMERICAN HONDA MOTOR CO., INC.

3. Disconnect the 2P connector (C), and remove the speaker.
4. Install in the reverse order of removal.

SUBWOOFER

1. Remove the rear shelf (see **TRIM REMOVAL/INSTALLATION - REAR SHELF AREA**).
2. Remove the four mounting bolts from the subwoofer (A).

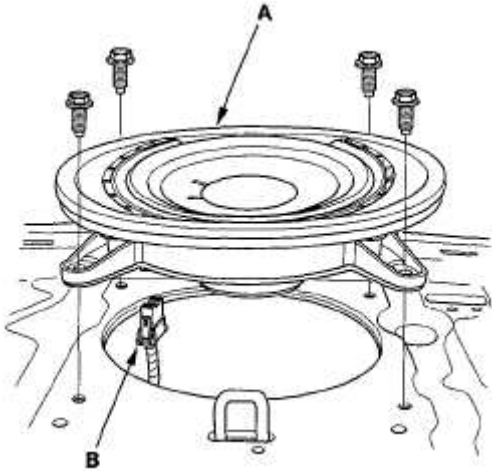


Fig. 143: Identifying Four Mounting Bolts From Subwoofer
Courtesy of AMERICAN HONDA MOTOR CO., INC.

3. Disconnect the 2P connector (B), and remove the subwoofer.
4. Install in the reverse order of removal.

AUXILIARY JACK ASSEMBLY REPLACEMENT

1. With navigation: Remove the navigation unit (see **NAVIGATION UNIT REMOVAL/INSTALLATION**).

Without navigation: Remove the audio unit (see **AUDIO UNIT REMOVAL/INSTALLATION**).

2. Carefully pull out the auxiliary jack assembly (A), then disconnect the 5P connector (B).

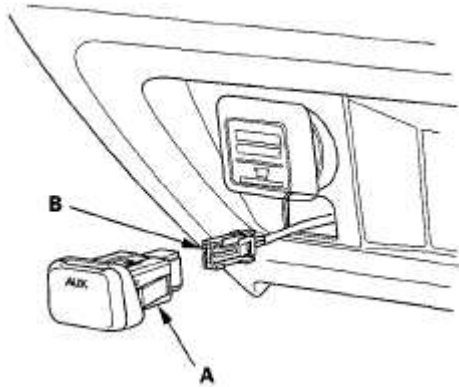


Fig. 144: Identifying Auxiliary Jack Assembly And 5P Connector
Courtesy of AMERICAN HONDA MOTOR CO., INC.

3. Install in the reverse order of removal.

AUDIO REMOTE SWITCH TEST

1. Remove the driver's airbag assembly (see **DRIVER'S AIRBAG REPLACEMENT**).
2. Remove the 20P connector (A) from the cable reel (B).

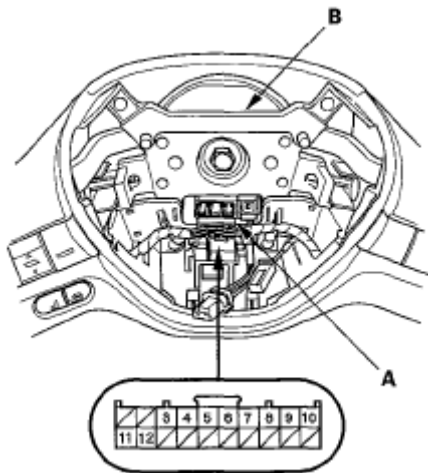


Fig. 145: Identifying 20P Connector From Cable Reel
Courtesy of AMERICAN HONDA MOTOR CO., INC.

3. Measure the resistance between the No. 9 and No. 10 terminals in each switch position according to the table.

RESISTANCE SPECIFICATION

Position	Resistance
No button pressed	About 10 k ohms
MODE	About 6.0 k ohms
CH (+)	About 2.0 k ohms
CH (-)	About 840 ohms
<!-- [utrif] --> (VOL.UP)	About 370 ohms
<!-- [dtrif] --> (VOL.DOWN)	About 100 ohms

4. If the resistance is not as specified, replace the audio remote switch (see **AM/FM ANTENNA AMPLIFIER REPLACEMENT**).

AUDIO REMOTE SWITCH REPLACEMENT

1. Remove the steering wheel (see **STEERING WHEEL REMOVAL**).
2. Remove the audio remote switch (see **STEERING WHEEL DISASSEMBLY/REASSEMBLY**).
3. Install the audio remote switch in the reverse order of removal.

AM/FM ANTENNA AMPLIFIER REPLACEMENT

1. Remove the right side C-pillar trim (see **C-PILLAR TRIM - 4-DOOR**).
2. 2-door: Remove the terminal cover (A).

2-door

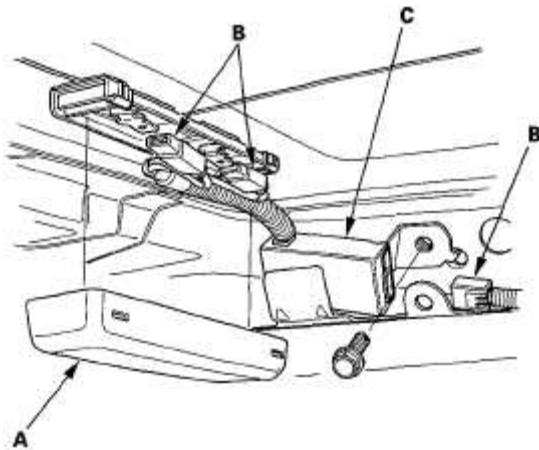


Fig. 146: Identifying AM/FM Antenna Amplifier And Terminal Cover
Courtesy of AMERICAN HONDA MOTOR CO., INC.

3. Disconnect the connectors (B) from the AM/FM antenna amplifier (C).

4-door

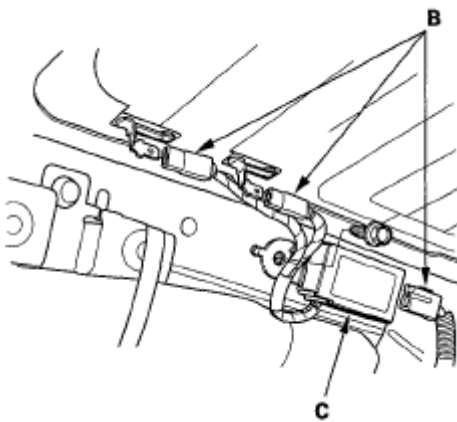


Fig. 147: Identifying AM/FM Antenna Amplifier And Connectors
Courtesy of AMERICAN HONDA MOTOR CO., INC.

4. Remove the bolt and AM/FM antenna amplifier.
5. Install the unit in the reverse order of removal.

XM ANTENNA REPLACEMENT

1. Remove the headliner (see **HEADLINER REMOVAL/INSTALLATION**).
2. Remove the nut (A) from the XM antenna (B).

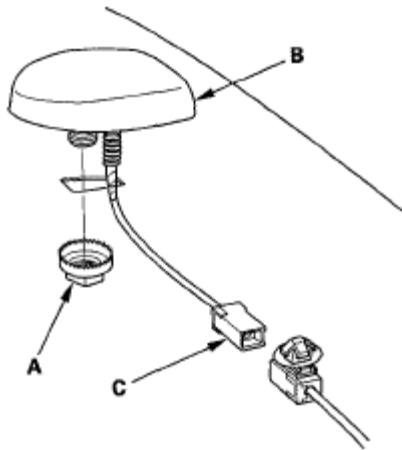


Fig. 148: Identifying XM Antenna And Nut
Courtesy of AMERICAN HONDA MOTOR CO., INC.

3. Disconnect the connector (C) and remove the XM antenna.
4. Install in the reverse order of removal.

AM/FM ANTENNA REPAIR

NOTE: To make an effective repair, the broken section must not be longer than one inch.

1. Lightly rub the area around the broken section (A) with fine steel wool, then clean it with alcohol.

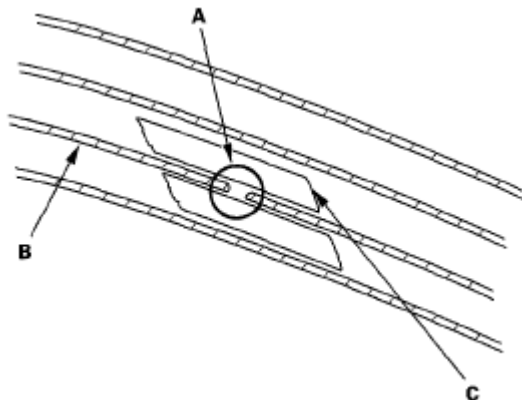


Fig. 149: Identifying Broken Section Around Area
Courtesy of AMERICAN HONDA MOTOR CO., INC.

2. Carefully mask above and below the broken portion of the window antenna wire (B) with cellophane tape (C).
3. Mix the silver conductive paint thoroughly. Using a small brush, apply a heavy coat of paint (A) extending about 1/8" on both sides of the break. Allow 30 minutes to dry.

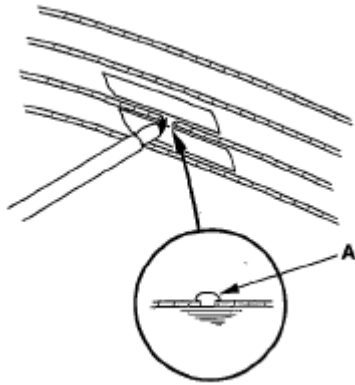


Fig. 150: Applying Heavy Coat Of Paint On Both Sides
Courtesy of AMERICAN HONDA MOTOR CO., INC.

4. Check for continuity in the repaired wire.
5. Apply a second coat of paint in the same way. Let it dry 3 hours before removing the tape.